A stronger and more autonomous European Union powering a fairer world — Speech by President Charles Michel at the UN General Assembly

×

I speak to you today on behalf of the European Union. A Union founded, like the United Nations, on peaceful cooperation, human rights and fundamental freedoms. We are therefore an unwavering supporter of the United Nations. And of the international organisations to which we join forces for human progress.

This is precisely how we are working with the WHO to defeat Covid-19. Like the whole world, Europe has been hard hit by the pandemic. In the European Union, more than 142,000 people have lost their lives. I salute their memory, and all the Covid-19 victims worldwide. I also pay tribute to all the healthcare professionals that have safeguarded the fabric of our societies.

The crisis caused by the pandemic is unprecedented. It has exacerbated the weaknesses of fragile countries, regions and populations. It has also revealed the fragility of countries that thought they were strong. It has thrown us all into the same sudden battle, against the same common enemy.

The European Union, for its part, has been at the forefront of international cooperation which has raised nearly 16 billion euros to finance the research and the deployment of vaccines, tests and treatments. And we are mobilized, alongside all the players involved, to ensure that these vaccines and treatments are universally accessible and affordable.

Each nation and each leader has the duty to reflect on the best way to contribute to our common objective. This is true in the fight against the current crisis, as in all global challenges. Kofi Annan said: "To become a good citizen, start in your own community!" It's in this vein that I want to explain why the European Union wants to become stronger and strategically autonomous, alongside an open market. Stronger not only for itself. But also to better contribute to a better world. The crisis has made this goal even more essential. It has awakened a new collective responsibility, to build back better and greener...

Before the crisis, Europe had already embarked on a path of fundamental transformation. For example, by deciding to become the first carbon-neutral continent by 2050. Or by adopting an ambitious digital agenda, in line with our fundamental values.

This pandemic has increased our determination to transform our economies and societies tenfold. 540 billion euros have been mobilized for urgent measures from the outset. Then, in July, the European Council decided to mobilise

ambitious and unprecedented financial resources: more than 1.8 trillion euros for the coming years, including 750 billion euros raised via the issuance of European Union bonds, unprecedented in its nature and size. With this historic decision, we have come together, united and strong, to better assume our responsibilities.

Responsibility begins by seeing things as they are, and not as we would like them to be. In today's world, the abuse of force, both military and economic, too often supplants argumentation and negotiation. Respect for treaties, a basic principle of international law, comes to be considered optional even by those who, until recently, were its historical guarantors. All this in the name of partisan interests.

More than ever, the European Union is defending the rules-based international order and cooperation based on universal values. The European Union wants to be stronger, more autonomous, and firmer, to defend a fairer world. And it is in this spirit that we lead the implementation of the Paris Agreements. And that we have already integrated the objectives of the 2030 Agenda into our system of economic governance.

We are now developing these values and this open model with greater awareness of our strength, with more realism, and perhaps less naivety. We have faith in the virtues of free and open economies, never in protectionism. But access to our large market — the second largest economic zone in the world, and the first in terms of international trade — will no longer be sold off. From now on, we will better enforce the level playing field, in a market open to those who respect its standards. Whether they leave our Union or want to move closer to it.

The European Union is also committed to advancing overall tax fairness, in particular in the digital sector. Large-scale activities carried out in this area can no longer escape fair taxation. The European Union is committed, alongside the OECD and the G20, to international cooperation to correct this injustice.

The European Union is an actor for peace and progress, which wants to mobilise its influence and strength to make others more robust as well.

We support the six partners of the Western Balkans in their transformation and integration. We have reaffirmed their European perspective. And we have just decided to open accession negotiations with two more countries among them: Albania and the Republic of North Macedonia.

Through the Eastern Partnership, we are developing our relations with six countries in our neighbourhood. Notably with a view to strengthening institutions and the rule of law. In Belarus, the last presidential election was falsified. We do not accept the results. And we condemn the violent repression of the opposition and of peaceful demonstrations. Repression and intimidation must stop, and all those responsible must be held accountable and sanctioned. We stand with the Belarusian people who must be free, without any external coercion, to choose their own future. Inclusive national dialogue, with OSCE facilitation, is the only realistic path forward.

Fighting impunity also means demanding an independent and credible investigation when the Russian opposition leader Navalny is the victim of an assassination attempt with chemical weapons.

The European Union is also on the side of the Venezuelan people. That is why we are working with the International Contact Group for a peaceful and negotiated solution that must include free, credible and fair elections.

The relationship between Europe and Africa will, I am sure, be the backbone of a fairer and stronger world. Together, we represent some 80 nations and 1.7 billion citizens in this Assembly, the vast majority of whom are among the youngest on the planet. Our two continents have never been so interdependent, for better or for worse. To acknowledge this is neither sterile Afro-pessimism nor naive Afro-optimism. It is to recognize that this interdependence is also a calling. It is to recognize that a strong Europe needs a strong Africa, and vice versa. The potential is huge. Investing, innovating, developing infrastructure, promoting education, supporting health systems: this is the key to forging a mutually beneficial partnership. Let us get inspired by the power of the African concept of Ubuntu: the way of thinking that my humanity is inextricably linked to yours, our destinies are linked, and our individual actions succeed only if they make sense for the This principle of Ubuntu is also the reason for my renewed call to settle the question of debts of the poorest countries, in a spirit of solidarity, that also takes into account the effects of the pandemic.

The European Union is concerned about tensions in the Eastern Mediterranean. Unilateral actions and violations of international law must absolutely stop. Together with our Member States, we are undertaking intensive diplomatic efforts to defuse tensions and to promote dialogue. In this spirit, I have proposed the organization of a multilateral conference on the Eastern Mediterranean, in conjunction with the United Nations. Many actors have already responded positively and are ready to discuss the modalities, the agenda and the timetable. Maritime delimitations, security, energy issues, and migration are some of the topics that I believe should be addressed.

We also support the efforts of the United Nations, and where involved, regional organizations, like in Libya or Syria.

The Iran Nuclear Deal remains key for global non-proliferation and regional security. It is therefore essential to preserve the JCPOA and for all parties to fully implement it. The agreement endorsed by UN Security Council Resolution 2231 remains in place and for us there is no doubt that the sanctions lifting commitments under the agreement continue to apply. While we strongly support the preservation of the Iran deal, we continue to firmly address other concerns, such as the domestic and the regional situation.

We also welcome the start of intra-Afghan negotiations and will support a lasting peace.

In a tormented region, the issue of peace between Palestinians and Israelis remains more timely than ever. We must continue to support the legitimate aspirations of both parties. And we remain firmly committed to the two-state

solution. We will spare no effort with our international partners, including the Quartet, to facilitate the return of Israelis and Palestinians to the negotiating table, to find a negotiated solution within internationally agreed parameters. For our commitment to international law and UN resolutions is unwavering. At the same time, we welcome Israel's rapprochement with countries in the region as a positive development for peace and stability in the Middle East.

Since I became President of the European Council, I have often been asked a question that is both simple and brutal: "In the new rivalry between the United States and China, which side is the European Union on?" My answer is the following...

We are deeply connected with the United States. We share ideals, values and a mutual affection that have been strengthened through the trials of history. They remain embodied today in a vital transatlantic alliance. This does not prevent us from occasionally having divergent approaches or interests.

We do not share the values on which the political and economic system in China is based. And we will not stop promoting respect for universal human rights. Including those of minorities such as the Uighurs. Or in Hong Kong, where international commitments guaranteeing the rule of law and democracy are being questioned.

China is a crucial partner in addressing common challenges, such as global warming, Covid-19 or debt relief in Africa. And China is also an important trade partner. Yet we are determined to rebalance this relationship towards greater reciprocity and fairer competition. A spirit that we are also cultivating with ASEAN members, with which we will continue to deepen our relationship.

We stand on the side of the fundamental values of democracy, human rights, the rule of law and cooperation. It's our compass to pursue our interests. The European Union is an autonomous force, master of our choices, master of our destiny.

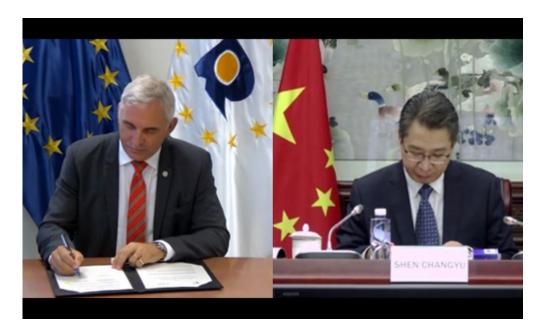
Finally, on behalf of the European Union, I want to reaffirm this essential conviction: there can be no progress without progress in women's empowerment. Discrimination against women remains one of the major obstacles to development. We must fight this relentlessly. Equality between men and women, as well as the protection of diversity, particularly sexual diversity, remains one of the major challenges of our time.

The European Union will continue to be a driving force for multilateralism and the rules-based international order. Our support for the UN remains as strong as ever, and we will continue to support the implementation of the Secretary General's reforms. Because we need a strengthened and effective multilateral system. This requires an even stronger UN to deliver results that advance world peace. Europe, stronger and more resolute, will be at your side to make the world a better and fairer place to live. Thank you.

<u>Virtual meeting with CNIPA and</u> <u>signature of Agreement on exchange of</u> <u>trade mark information</u>

September 25, 2020 About the EUIPO

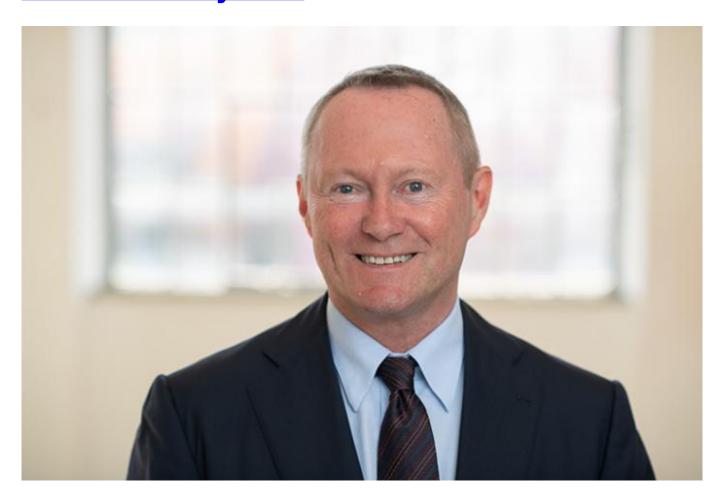
Virtual meeting with CNIPA and signature of Agreement on exchange of trade mark information



On 25 September, Mr Shen Changyu, Commissioner of the China National Intellectual Property Administration (CNIPA) and Mr Christian Archambeau, Executive Director of the European Union Intellectual Property Office (EUIPO) held a virtual high-level meeting to discuss IP cooperation matters, namely to review the state of play of the bilateral cooperation activities with CNIPA, the IP Key China project implementation as well as the cooperation within the TM5 and ID5 forums.

This meeting also offered the occasion for the signature of the Agreement on the exchange of trade mark information, with which the CNIPA and the EUIPO agreed on the mutual exchange of Chinese national trade mark and European Union trade mark data. This Agreement also sets the basis for the CNIPA to share Chinese trade mark data on the TMview platform, making it available for consultation 24/7 worldwide.

<u>Michael O'Flaherty to be FRA Director</u> <u>for 3 more years</u>



"FRA's Management Board is pleased to continue to work alongside Director Michael O'Flaherty as his mandate is extended for three years," said FRA Chairperson Elise Barbé. "His integrity, commitment and rich contributions will be particularly appreciated in these difficult times we are going through due to the continuing global pandemic. These will guarantee the quality of the work that the Agency is already delivering in promoting fundamental rights within the European Union, despite these troubled times."

The Management Board appointed Michael O'Flaherty as FRA Director in 2015.

The procedure for appointing the Director follows FRA's Founding Regulation.

FRA's Founding Regulation states that the agency shall be headed by a Director appointed by its Management Board for five years. The Management Board can extend this term once but for not more than three years.

The extension will take effect from 16 December 2020.

EU-Kazakhstan Cooperation Committee



The European Union (EU) and Kazakhstan held their 18th meeting of the Cooperation Committee, online, on Friday, 25 September 2020.

The EU is Kazakhstan's first trade and investment partner, representing over one third of Kazakhstan's external trade and over a half of total foreign direct investment in Kazakhstan. Kazakhstan is the first Central Asian country with which the EU signed an Enhanced Cooperation and Partnership Agreement (EPCA), which entered into force on 1 March 2020. Both the EU and Kazakhstan expressed their strong support for strengthening relations.

The Cooperation Committee discussed the impact of the COVID-19 pandemic and the importance of strengthened multilateralism. The EU and its Member States have mobilised €123 million for Central Asia. In July, the EU launched a comprehensive €3 million Central Asia COVID-19 Crisis Response Solidarity Programme, with a primary focus on Kazakhstan. The programme, implemented by the World Health Organisation, will provide support over a period of two years to mitigate the current outbreak of the pandemic and contribute towards longer-term resilience of the national health systems. The EU commended Kazakhstan for playing its part in providing humanitarian assistance to its neighbours and to some EU Member States.

The EU and Kazakhstan reviewed their cooperation in the following fields covered by the EPCA: the rule of law, good governance, the protection of human rights, economic developments and reforms, energy, transport, environment, climate action, mobility and people-to-people cooperation, education, science, civil society and regional cooperation.

The EU recalled that in the current COVID-19 pandemic, emergency measures, in Europe and elsewhere, should not be used to limit the democratic space, to censor freedom of expression and access to information online and offline, to limit the work of human rights defenders, journalists or other professionals. In relation to the new law on freedom of assembly adopted in May, the EU stressed that the implementation of this law should uphold the fundamental rights of the citizens of Kazakhstan.

The EU congratulated Kazakhstan for its progress on the path to a full abolition of death penalty, which is a cruel, inhumane and degrading punishment that violates the right to life. Kazakhstan's ratification of the Second Optional Protocol to the International Covenant on Civil and Political Rights is in process. Furthermore, in 2020, Kazakhstan substantially increased its voluntary contribution to the International Commission against the Death Penalty.

The Cooperation Committee discussed the progress made in the framework of the high-level EU-Kazakhstan Business Platform set up in June 2019. The EU welcomed efforts undertaken to improve the investment climate while encouraging further sustainable implementation of planned reforms, in particular the Organisation for Economic Cooperation and Development (OECD) recommendations in relation to strengthening private sector development and protection of investments.

The EU welcomed Kazakhstan's National Strategy towards a Green Economy and stressed that the European Green Deal would be at the heart of EU recovery efforts. The EU is prepared to offer expertise, finance projects, exchange on regulations and principles for sustainable finance and development.

Under Erasmus+, €115 million was earmarked for higher education cooperation with Central Asia for the 2014-2020 period. Kazakhstan has been the major beneficiary of this funding. By the end of 2020 some 3,400 Kazakh students and staff will have come to Europe to study or teach, while Kazakh institutions will have hosted over 1,500 Europeans. These Erasmus+ opportunities will continue in the 2021-2027 programme. The EU recalled that Kazakhstan is welcome to participate in the remaining calls for research proposals, in particular the upcoming Horizon 2020 "European Green Deal" call for research & innovation proposals.

The Cooperation Committee also discussed EU-Central Asia regional cooperation including in the field of security, counter-terrorism, fighting drug trafficking and border management.

Today's Cooperation Committee will contribute to the EU-Kazakhstan Cooperation Council, at ministerial level, to take place in the near future. Both the EU and Kazakhstan look forward to continuing the close cooperation in the framework of the EPCA.

The meeting was chaired by Deputy Foreign Minister of Kazakhstan, Margulan Bakytuly Baimukhan, and acting Managing Director for Russia, Eastern Partnership, Central Asia, Regional cooperation and OSCE, European External Action Service, Luc Devigne.

Further Information

EPCA Factsheet

EU Delegation to Kazakhstan website

ESMA Q& As - list of questions currently under development

```
PK!8j5@*[Content Types].xml
Ŷ(ŶŶ-ŶnŶŶĔŶŶŶ...E+MŸŶœĔŶ4@RŶ[FKŶŶŶŊŶ/E;F(V(7~QSŶŶHŶŶJŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶŶ
M60000000, /B00500J} Xb04tXY0+000-5K0=>N/hc4, 0
 \hat{\boldsymbol{\theta}} d > \hat{\boldsymbol{\theta}} \hat{\boldsymbol{\theta}}' X | \quad \pm \ddot{\boldsymbol{Y}} \hat{\boldsymbol{\theta}} \$ B'' \hat{\boldsymbol{\theta}} \hat{\boldsymbol{\theta}} \hat{\boldsymbol{\theta}} \Box \& \hat{\boldsymbol{\theta}} Z) + "> j \hat{\boldsymbol{\theta}} \hat{\boldsymbol{\theta}} d b \hat{\boldsymbol{\theta}} 7 \hat{\boldsymbol{\theta}} J \hat{\boldsymbol{\theta}} \hat{\boldsymbol{\theta}} [\boldsymbol{\theta} \bullet , \hat{\boldsymbol{\theta}} \hat{\boldsymbol{\theta}} \hat{\boldsymbol{\theta}} \hat{\boldsymbol{\theta}} b \hat{\boldsymbol{\theta}}^{\sim} ' t \hat{\boldsymbol{\theta}} \hat{\boldsymbol{\theta}} ... \hat{\boldsymbol{\theta}} ... \hat{\boldsymbol{\theta}} P = t \setminus \hat{\boldsymbol{\theta}} q 
080]&070;a0+00W00•030<0n0Š[00+00/0-040f10000ty-Š 00}0?^0i|0N00/
��8�,,�c&�™p|�,,�"��™p\f�q• G5�$—ŠZ�RR�\jj�Š*†&h|M□:��'□W�
ŶŶ=F=ŶŶ1ŶC{∏Ŷ Ŷ#∏ŶŶŶ>ŶŶ}'t₁Yv4Ŷ'T ŶſqŶŶŶŶ<ŶzŶPŶ7ŶŶŶA:Cz
,œf□V@K@"rF@@H□"l@@@3@*@@@>Š@@,.%@@uGV@,=@\i8X•rZ@J@%\•@†@P@4@@H;s@>@@67M@i@z
ou#+00D 1 Y00B0050 V00$0~00 ^00" c'Z0 Y00 k0RRF%... $00008000Es \( \text{0} \text{mF} \) \( \text{0} 
☐@@PK!@@HhO@xl/workbook.xml@W@n@8} `@@+h@A'@>-!v! "h #I@--
QaY@RT@@P@@rv@5J@<sup>™™</sup>3g†@@*GOT"Œ}
       ™ÔEÔV,Ô∏ÔHÔiÔ"ÔHHÔÔ∏ÔR{7ÔÔÔQ.—sÔ—ŠÔÔeRÔÔ(ÔŒÔHyÔ∏Ô')+"ÔR,Œr-(IÔŒRÔÔ Ô4=cEXÔmq
OS0100-0D0œH00_±00K0VD,0000 0,g0k 00ULd0C0_0?00 k0 00Z0X0'00
$\hat{0}\m\hat{0}\g\hat{0}\c\hat{0}\hat{0},\hat{0}\g\hat{0}\c\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\d\hat{0}\
b9<001lu5cp00L00>0%'t0 R0...00000G0[000...0 A:p$q@00E0U"0k000S
>"ÔœÔ'z'<ŒiÔ"|ÔOÔÔ9<ÔÔ∏hÔ'œKÔ'ÔHbE‡lÔÔ~oÔÔŠ`ÔÔ™ÔOÔÔÔ;ÔUÔZ'Ô&Ô∏Ĉo∏g‡ÛnÔÔhÔ;vÔa
mz\hat{0}G]\hat{0} < \hat{0}\hat{0}\hat{0}\hat{0}!\hat{0}1' \cdot \hat{0}v \cdot U^{*}\hat{0}q \times tC6\hat{0}'\hat{0}* - \hat{0}\Pi3w]\hat{0}[\pm\hat{0}\hat{0}*S5\hat{0}>3\hat{0}\setminus 5\hat{0}.\hat{0}\hat{0}+\hat{0}\hat{0}\hat{0}\hat{0}t\hat{0}\hat{0}[\hat{0}\hat{0}\hat{0}\hat{0}]
0.Ÿ00 X"30'o:‡{0})[d3v{0$0[U0000 0" I
ŶR$Ŷ"ŶŶ"9VŶ∏ŶŶ~v}ŶŶŶŶŶ,‡Ŷn.ŶŶ%Ŷ"Š52ŶŶŶ!ŶŶŶL6Ŷ∏ŶŶ?vŶ...Ŷ">4tP<ŶŶjá~ŶŶc ŶŶ,Ŷ°e
F,,,,0/a000tc@500 Acc0\tnoh000Hw000a000800.0&ntV0\0r03jkJ$000v0\:F00t>000n000"f\
Jdg0□/0A0900000.../0>0000T0~0-`u0ea002000PK!γyI~,xl/_rels/workbook.xml.rels
 \hat{\mathbf{Q}} (\hat{\mathbf{Q}} \hat{\mathbf{Q}} - \hat{\mathbf{Q}}) \hat{\mathbf{Q}} \hat{\mathbf{Q}}
U![@
cg@QQ>>l^Q•Q},uQcQ(QXmmQQQ:&QQAQ7Q6QQni*QQQ(+Qi'QfmobFQ"cf QQQQQ0|0∏l]-MQ:?uQQ#Q
-6G00*M6c000 > e03~ Œ~V#&00p0Z0}00001vyc0"œ0pH600i06SŠ0"p0, ∠ICQQJ00
ki \hat{\mathbf{0}} \times \hat{\mathbf{0}} Z 0 \hat{\mathbf{0}} \hat{\mathbf
GQ,Q3'QW5QQmQZC-%Q<QQEQŠQVQrbQmye%QQQ~Q%QNQQQQIIQ\*RzQQzQQQQQQQQ\/\QQQQQQQQQQQQ
-\hat{\boldsymbol{\theta}}\hat{\boldsymbol{\theta}}'\hat{\boldsymbol{\theta}}\hat{\boldsymbol{\theta}}\hat{\boldsymbol{\theta}}\hat{\boldsymbol{\theta}}\hat{\boldsymbol{\theta}}\hat{\boldsymbol{\theta}}\hat{\boldsymbol{\theta}}'\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol{\theta}}|\hat{\boldsymbol
Ŷ"L,-ŶK($"* Ŷ"F,'ŶJŶ$ŶŶ'aŶOzp2ŶŶ=ŶŶZŶŶ<:ŶNB$AI^%$R ™-!-PH(%Tj Ŷ#Ŷ•ŶIŶ%X NŶ aŶ
\hat{Q}n > \hat{Q} \sqcap \hat{Q} > G\hat{Q}I \uparrow \$ ( \hat{Q},DB * ! "\hat{Q} * \hat{Q} \hat{Q},JB - \hat{Q} ' ` \$ \hat{Q} : \hat{Q} + \hat{Q}I \$ E \sqcap / \hat{Q}nd' ! ' \hat{Q} \$ \hat{Q} \hat{Q},L,-\hat{Q}K (\$"*)
...,RB%0-0H0Z 0,,^,•0$F,0,:00Av" JB,!'0J0$h 0,,BB)0'PKh$ 0,,NB/0Jp 0Av?/0nd'!'0$0
0,,L,-0K($"* 0,,F,'0J0$00'a00zd70\00ŸZ00Av" JB,!'0J0$h 0,,BB)0'PKh$ 0,,NB/0Jp
ÔAVÔ,ÔNd'!'Ô$Ô Ô"L,—ÔK($"* Ô"F,'ÔJÔ$ÔÔ'aÔOZd77 K^ÔÔÔÔÔÔRÔÔ"Ô‰! $...d
0!0,,T00000...t0b!20F 0L0-00Y\00D&! $...d
```

```
0!0,,T0000...t0b!20F 0L0-02•u00JJ00'0RHèR0JH0! 00ZH0!0 d0%0t0d*k,,0•"0
1$@@@!9@@"@
RC^@@@C,@A@@K~@\,@T@-+)DAbHI!DCrH)!@†4i!@‡X^f@@-0ӹ,X@@,.WR"^,Ð'B2^†@RB*H i
ÔB:HÔ Ô/aÔs‰Ô SYB\ÔÔD‰! $...d Ô!Ô,,TÔÔ@Ô...tÔb!2@F ÔLÔraAÔÔœÔ\I‰ CH Ô 'C H Ô 5ÔÔHÔ
=ÔBdÔŒÔ,,™YÔ, LeigÔ'A$†$Ô'A4$‡ÔRAjH1ÔÔAz^...8Ô} 3ÔÔ^™Ô2Ôr%%, (HI )$fhH) %Ô, Eb -
$\tilde{G} = \tilde{G} = \tild
0:0,,T00000...t0b:20F 0L-0H00' DAbHI:DCrH):0+4i:0+X^f00-00e=00f<00~-0H0
1$0000!900"0 RC^0000C,0A00K~00=$,(HI )$fhH) %0,Eb -0f0q020f00Gš0o+0S0H0
1$0000!900"0 RC^0000C,0A00K~00=$,(HI )$fhH) %0,Eb -0f0q020f00G:E0% CH 0 'C H
Ŷ 5ŶŶHŶ =ŶBďŶŒŶ,,™.Ŷ'NŶ#A"^,Đ'B2^†ŶRB*H i ŶB:HŶ Ŷ/aŶŶZŶSŶHŶŶ 1$ŶŶŶŶ!9ŶŶ"Ŷ
RC^{\hat{Q}\hat{Q}\hat{Q}\hat{Q}C}, \hat{Q}A\hat{Q}\hat{Q}K\hat{Q}\hat{Q}O^{\hat{Q}}O\hat{Q}O^{\hat{Q}}O\hat{Q}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^{\hat{Q}}O^
@@ZH@!@ d@%@tY@t+ A$+$@'A4$+@RAjH1@@Az^...8@} 3]@#@@G,D%! $...d
$\tilde{\theta}!\tilde{\theta},T\tilde{\theta}\tilde{\theta}\tilde{\theta}! \tilde{\theta} + T\tilde{\theta}\tilde{\theta}\tilde{\theta} + T\tilde{\theta}\tilde{\theta} - 0\tilde{\theta} = \tilde{\theta} z \tilde{\theta} + Q\tilde{\theta}' \tag{\theta} R + Q\tilde{\theta} R + Q\tilde{\theta
@@ZH@!@ d@%@tY@t+ A$†$@'A4$‡@RAjH1@@Az^...8@} 3]@#@@G,D&! $...d
0!0,,T00@0...t0b!2@F 0L-0Hg0' DAbHI!DCrH)!0+4i!0+X^f00-00e=0z$HQ0'@RHèR@JH0!
@@ZH@!@ d@%@@|Y@t^K=@(HI )$fhH) %@,Eb -@f@q@2@f@@G:G@% CH @ 'C H @ 5@@H@
=QBdQCQ,,™.Q'QQ#A"^,Ð'B2^†QRB*H i QB:HQ
Ô/aÔÔZÔÔUÔÔ∏{Ô~$ŒQÔ'@RÔÔ5ÔÔKŒÔ!Ô,,TÔÔ@Ô...tÔb!2@F ÔL−ÔHÔÔ'
DAbHI!DCrH)!@+4i!@+X^f@, .k@@@@&K@@G@ 1$@@@@!9@@"@ RC^@@@@C,@A @-uD@@^
DAbHI!DCrH)!@+4i!@+X^f@,, .k,,@@A"^, D'B2^+@RB*H i @B:H@| \@@@@@@D\&! $...d
Ŷ!Ŷ,,TŶŶ@Ŷ...tŶb!2Ŷ&Ŷ=ŶŶ%\\alpha$sŶ=ŶŶ 1$ŶŶŶŶŶ!9ŶŶ"Ŷ RC^ŶŶŶŶC,ŶA ,/,nŶŶŶŶ+,ŶŶŶ%!$...d
0!0,,T0000...t0b!20&49/'^&0W(,(HI )$fhH) %0,Eb -
@f@q@@-0@@y9A@6@DAbHI!DCrH)!@†4i!@‡X^f@,, -@@ @@>hi CH @ 'C H @ 5@@H@
=$\tilde{Q} \text{B} d\tilde{Q} \text{$\tilde{Q}$ \text{$\tilde{Q}$} \
f/a,A'@r,@d.@@@$†$@'A4$‡@RAjH1@@Az^...8@@K~`@ræ :™\G@ 1$@@@@!9@@"@
RC^QQQQC,QA QfNQQQQ\QA&! $...d Q!Q,,TQQQQ...tQb!2Q&t2/'^NQQ,(HI )$fhH) %Q,Eb -
$\tilde{\theta} f\tilde{q}\tilde{\theta} \tilde{\theta} = 0\tilde{\theta} \tilde{\theta} \t
 .Ŷd□"ŶD‰! $...d Ŷ!Ŷ,,TŶŶ@Ŷ...tŶb!2Ŷ&ŶŶ"yfNA$†$Ŷ'A4$‡ŶRAjH1ŶŶAZ^...8ŶŶK~ŶNŶ
 :HQQ'@RHèR@JHQ! Q@ZHQ!Q f/a,Q:™iQGQ,:ŒQQ'@RHèR@JHQ! Q@ZHQ!Q f/Q
>ÔÔŶ†Ô-gÔŶ}Ŷ}x:Ŷ>ÔŶœŶœŶœŶŶŶŶŶ(|>ÔŶŸЩŶŶUŶŶOŶ}ŶĬZ`ŶAŶŶU^l'†ŶŶ'[,Ŷ:ŶŶ}Vd:Ŷ″%Ŷ$ŶŶ†ŶŶ
    $EQp)h-Q|zQQ'zQtnQQ%KQQRV Q-Q;QQcQNQ\QQQQOW\UQQQQQR\S"QQJ*QQ,Q\QQ\Q
00000u1wæ*0',0F0
9 | QQ eQQ kQQTEIQ5Q) Ko<QQ: Y"QQ~-Q`QQ&QŠZEQ) IQQQ&E\QeQ9pYT>QŠQ~fQ<$iRQrPQQQQCNQQ
 !...@ @ Š@-@y@@o†@vm@, %KZ@M=dGp@ÿqnæ(n'@@@, g@$@
 >0~w%w@by0@B@i@@U@w@zi@;—?Wpu@@@j@@@Ÿ}@X'O@,*@$>@@@@&c∏]@@#!@
00jZ0N6uH0ti\00000000fER00bEpy&0{000G000,00070}0K0Ki00&\0000$000Y`0M
V@X@@@bX@@@(~@@~@@@V-@@
VYŶ-Ŷd]o-ŶŒfŶ8~^Ŷ&ŶU5ŶŶŶŶŶ~q'ŶŶŶŶNw|3Ŷ")ŶčŶŶFŶŶŶŶQCB'Ŷpm†Ŷ>1Ŷ#bŶ™\EutŶ(ŶŶ,5AW
EŶŶŶŶŶŶŶ, waŶŶ!mMOm†mŶŶ&ŶŶeŶ>ŠŶ LtŶFŶŶ†Z2ŶŶ`ŶŶŶŶŶ$]ŶŶŶŶ]Ŷ`∏k]"Ŷa™
0 \quad || D\hat{\boldsymbol{\varrho}} \times \hat{\boldsymbol{\varrho}} \rangle > \hat{\boldsymbol{\varrho}} \hat{\boldsymbol{\varrho}} \rangle \hat{\boldsymbol{\varrho}} \hat{\boldsymbol{\varrho}} L \hat{\boldsymbol{\varrho}} \hat{\boldsymbol{\varrho}} \hat{\boldsymbol{\varrho}} I^{\text{TM}} : q 1 D\hat{\boldsymbol{\varrho}} - \hat{\boldsymbol{\varrho}} \vee \hat{\boldsymbol{\varrho}} : \hat{\boldsymbol{\varrho}} F \hat{\boldsymbol{\varrho}})? = \hat{\boldsymbol{\varrho}} \hat{\boldsymbol{\varrho}}
$\tilde{Q}_1z''\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{Q}_0\tilde{
XÔ"5•,ÔQPQQQQQCiQdMuQQpqt5QZQ'>~QQxQfV/QQ'QQ-QQdMQQ,qt8Q,QrPQPZYlQQ fV00Q`š
%"LQTQa<ZQQ) ~Q`QQ Qu*~8QQQQ-LwXe... ?QQQQ
0:00RVZM00*+T0$+SMb00`0`0"•V|800J;)IŸ#00ŸKY10"0020,0•00x0*s)+0@p`5W0)H00U0@\0J;
ÔxZ∏œ+SÔÔ: uÔRVÔÔ†ÔÔÔN8ÔGÔÔÔÔ9ŒRÔ4K(-
 (W□~/p000$ 0,0,Y™$00H0004m000Jfe0v0m000j00fY™0!~?00aTV]00fe0v0m00*+0K00fY™~?0
ŶaTVŠŶKŶď$Ŷ~?ŶŶaTVŶ\ŶŶ2Ŷ~ŶŶèŶ4m—>~•IŶŶ~ŶŶèŶŶ∏ŶŶL>ŶŶmŶŶ +ŶJb...-
ŠQQh;‡QYuQ>">~•IQf~QQèQQoQQfeQQmQO*+M∏feQQmQO*+M∏feQvQn;QQ∏]Q`V&mQQvQQ∏]Q`V&m
```

```
\sim DiW\hat{Q}\hat{Q}c\hat{Q}t\hat{Q}s, <\hat{Q}\hat{Q}4\hat{Q}|dU\hat{Q}\hat{Q}IU\hat{Q}V''\hat{Q}t\sqcap -F\hat{Q}''\hat{Q}A\hat{Q}\hat{Q}\hat{Q}\}^{\hat{Q}}\hat{Q}\hat{Q}Gpc\hat{Q}
∂eIKÛ([C<Û∏rÛ'Û;ÛÛÛZÛViÛÛÛ HÛÛÛY ÛÛÛ‡BÛÛ,hYÛ†b...4Û'ŠÛÛÛÛÛŸ?ÛÛÛW∏
jÔÔÔÔÔÔB...ÔÔÔZ∨ÔÔAÔÔÔÔÔÔÔÔÔÔÔÔÔÔÔÔÔÔÔ YÔÔ4ÔЭÔ`'Ôd}:ÔNÔ•ÔÔ™Ô•Ô ,fÔ□XÔ <ÔÔhÔÔÔ1^[A@h
500[hF#000000+h00^0p0'zWXET00[0,xTh™@C wK00e]F
@@r@Z>@@5@@g@□@@@@PK!@@&xl/worksheets/sheet3.xml@Z]o>X} i@@1@@Ic□j@@@U@l@@ @l
{^@@Y'@^@
00U'4000b0R0T0^0^zE'm\000^00W0,e0n0iI0000:+0=['0+0H0+my'050,05qI0:E:0000*0000
  '?JR@,@@@‡'89R'@@@@4S@k/IL@@W@@'W@@Lœ@#Up@$∏t@
\hat{\boldsymbol{Q}}d\hat{\boldsymbol{Q}}^{\text{TM}}d-2\hat{\boldsymbol{Q}}\hat{\boldsymbol{I}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}-S\hat{\boldsymbol{Q}}\boldsymbol{\Box}\hat{\boldsymbol{Q}}\boldsymbol{S}\boldsymbol{I} \quad \hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\boldsymbol{S}\boldsymbol{g}^{\text{T}}\boldsymbol{I}\boldsymbol{S}\boldsymbol{u}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}\hat{\boldsymbol{Q}}
Ny, QSdQ:,,QKQQv-->QQ QQU8E.Q MQQ^Q~QQQjOQ-
Ŷ,,ŶŶŶ^,Ŷ∏8Ŷ;Ŷ)';ŶVŶ\ŶŶ'ŶŶŶC^ŶŶŶŶŶŶŶ$\$M2>T\Ŷ@ŶfŶU™^b∏
00*00D03,,000900ušu-> 00`00,,00Hš0.700}@00j0-000Y0EL-
BQbQ, |QQQaQQ6Q}Q]Q>QQQ
00tB0000 7t00XH'00:0'T0J ki0^)0-000I030%5,Ū0$bŠ0-0000.V5TK0-0u0,0□0004
J@KZ"@9@^>"@@h@iS@G@□@^;•d7/0ç@
k\hat{Q}V\sim\hat{Q}\hat{Q}J\hat{Q}>bI\hat{Q}\hat{Q}\delta\hat{Q}\hat{Q}\hat{Q}\hat{Q}\hat{Q}, \hat{Q}n\check{S}%]K\hat{Q}\hat{Q}\hat{Q}\hat{Q}\hat{Q}\hat{Q}|\hat{Q}\rangle
k\hat{\boldsymbol{\theta}}`A\hat{\boldsymbol{\theta}}L\hat{\boldsymbol{\theta}}\hat{\boldsymbol{\theta}}\tilde{\boldsymbol{\delta}}\hat{\boldsymbol{\theta}}\boldsymbol{x}o\hat{\boldsymbol{\theta}}'c\hat{\boldsymbol{\theta}}\boldsymbol{5}, \hat{\boldsymbol{\theta}}b\hat{\boldsymbol{\theta}}\\hat{\boldsymbol{\theta}}\hat{\boldsymbol{\theta}}\hat{\boldsymbol{\theta}}\hat{\boldsymbol{\theta}}\hat{\boldsymbol{\theta}}\hat{\boldsymbol{\theta}}\hat{\boldsymbol{\theta}}\boldsymbol{\delta}
m��a��;WY'IbSY)i>�Z��\UdU�.�\m]&hu™sU'5�$6cEVA��D�Z��\Ud����+[�Z}�\Ud}#‰�X'��
�� [ �LU'z₩‰5,b...�P�œ�Š"���l%?l•�sU'�‰$6ΠF�*�ónj{HŸ"�e�I™��‡��vIc�Yoh+�z#
 ||KSYXh\hat{Q}^{\bot}\hat{Q}\hat{Q}\hat{Q}\hat{Q}^{\dagger}\hat{Q}TEj\hat{Q}\hat{Q}\hat{Q}\hat{Q}||\hat{Q}=||KSY^*h\hat{Q}^{\bot}T\hat{Q}\hat{Q}\hat{Q}^{\dagger}\hat{Q}TEj\hat{Q}\hat{Q}\hat{Q}\hat{Q}||\hat{Q}=||KSQ\hat{Q}\hat{Q}\hat{Q}SX^{\bullet}\hat{Q}\hat{Q}||KCAb\hat{Q}||U1\hat{Q}wS\hat{Q}\#R\hat{Q}
kÔĐĐĐ>Đ.iĐXĐĐ}ĐMĐ*[MĐĐĐĐ'ÔTEjĐĐĐĐĐĐĐĐĐĐĐĐĐĐĐĐ YĐWĐĐOKĐĐO-4fĐHMĐ68VĐĐUSĐ%ĐĐŠĐVMFUĐ
i {@Mm—4@*R□
VeQQQ7Q]Q~QHmQ6X•QQQQQVIcQ~Q]Q`UQQQ]dQQ1T$QR...UQQQfzcQ,,QQ?'<fQ~QqRQQQQQ~r$Qf2Q
n\'@s@>@@@A@@ @@\@6ŸY]'@`&*7@Ÿ@ŠW@F1@`,•@& ^&cH@<@@@@@s~nY-d@s@-@-9
w'\hat{o} \not\vdash 0 \$ > \hat{o} \sqcap n\hat{o} \circ \hat{o} \ \ \ \ \ \ \hat{o} \circ \hat
~‰���U�32�n��J2ō̄j,�<�>�^��i����PK!"oBa(
3xl/worksheets/sheet4.xml@[ko>H@@@@@@^-@Xg@@@H\]i@@@@b6\@
□QQ {QQ fŒHQ 'Q+QQQ 8s=ŒQ□QQ eyœQ-Q=™$QGQ&Q?.QQ□}}QQ 4QQQ >0IQhiQQQ |□QQ 04□{wdQQKs[+...eQQQQ | '(
0?00zCcUF+-0{00/M00$01:000F'0DE0'fq00+MwwQ^{oú00'0A<Š000
0000S0)0K00&sw00.0&:0E00>0c000.0%0JxeW06%30q00-B+'0.10000Z%\ 00-0*neQ'0
�a�\q�z9j�C^�^�& šU□,>�...�*SWMk�6��V)n��6��#|��VK�9DŸoœk�:3b^E��
a<^@E@"bM6E@*r@X
000~{0-0"M000dle0#\, Ze7@40a00"0000[0^000 ,.-
ObŠ@y@[@#^PP@JrY@•0@@A{{@@'@'L1'di,@*Y...@$Cš@@@@NŹ@RŒ@@Jš@∏P...@@J@@ŒuzŒ\œN)@@H"
g'H j\hat{Q}Bt''a\hat{Q}\hat{Q}) |_{a}|_{\hat{Q}}\#N\hat{Q}\%'b$\ssI''\hat{Q}JT!:\sx\%\rightarrow\hat{Q}\hat{Q}I\hat{Q}/MV\hat{Q}z\hat{Q}\hat{Q}ISo\hat{Q}P\hat{Q}\hat{Q}^{-j}J\hat{Q}-\hat{Q}\hat{Q}\hat{Q}
SQ\Q>QQ:Q-HQnQ$Q:^7∏QL,WQp$IQQ,Q\qQQ6-tQz@QQYQs™QjQM~Q+{QQe5D8QvQ,S"4QQ
 •"20000 ^00000J>x[-vŠ00020)j0[0\0∏0 e TOK0.08L0JQ0Q30C-00
ÔS∏ÔÔÔVE]ÔYÔtwmi...ÔFŒÔÔM ÔÔ3 Ôa#ŸVL]ÔY 'Ô−>jxÔÔs~5PÔ
TOP NINGZON - PROCENCY NO. ) PROTECTION PROCESS TO PROC
@r@@f@EDVh8"U@@U3@•#<@@\@@<"u(@r□Y@'@@ /9u[•<@@JZN†@R@
WÔ, ³*Ô(ÔÔuc(+eÔp•, ExVÔÔ•^ÔÔdÔ 'lf, ³ŢÔÔeÔX>I,ÔR, ŸaOaz'ÔdEÔ□DÔÔŠÔ^ÔÔÔVOÔV%ÔÔŠs{
  '@8∏0^@
```

```
1000L0000∏000N0 t00...c070t2~Q0i0300-,0F0700,,oKp0∏=00-0~0V•00%000C00"l0"000}-
0+00/00300\08<05003\0FF00vq00000\0\DDD0z0s~=0080000^0000\0y0;@0'00...0#00 [0
,=00000!M<00`00∏0x00ew0/ 000YG0Φ[š‡4+00†0•-0w00
97oU i@@@PK!aza@@)xl/worksheets/sheet5.xml@Z@r>H}\@Š@X^<d[%9e@lm'J@>@3F#<5@(
< (Î) (Î) (Î) ... (Î) -
ŠQQQXKvQ>QQ±064QEQš=8Q!#Qš∏Ko<QQ:Q(QQQQ,QQfn6ILV4>QXN2'FQPQ!/QQQ.QvQQx<\QtwQ
ŶrŌ-Ŷ•ŶŶ*Ŷ›yFOl\Ŷ"FŶŶ,kŶXŶ,‡ŶŶŶaŶJIŶŶVŶMŶŶ*eŶ];ŶXŶ~ŶŧŶ†ZŶŶ›fŶŶŶ;ŶŶŶD,ŔŶ!\š
EQQ...QX
sy08 00000{0000I0>0fT#š@ 0K™h
ÔÔŸjk —DQÔÔRÔÔÔ{EÔ"ÔRÔÔÔUA
@A! □*G@u
%+dEQQQQ-Q-K'3YdQQvQIQ...&Q[BvQ!(Q™E•1QQYQ`QQ%tQ:Q"Q-QQQ™-
ÔĐ;ŠĐĐĐĐĐĐĐĐĐĐĐ ÔfY5Đ∨∏~ĐĐ∏ĐŒĐ.1~USLЇ‰₽∏ĐĐ×TĐ-ĐĐĐSĐS7*+#ĐKfĐĐĐab;wĐĐ2Š∏‰ĐŠŠĐ`~
^@('!&@s7*+#@Kf@@fab;w@@2@v&@šb{OLl@nTVFl-_)@@@v@Fee@@fY5@v@@*w@@2b@@`VM@=&@s
7*+#@Kf@@fab;w@@2b@@`VM@=&@s7*+#@Kf@@fab;w@@2b@@`VM@Zv†@@□@h,,@,Xa<^@&G@@@@@{"
&pe@cVL@@-@c@G@GV@r@@@4@@Š@"@-i@\]+[z@?<0$\@@@
QYF3Q(Q%BoQ™QQCV-
Ŷ₽Ŷ"Ŷ~FŶŶ™œŶĠ´3ŶŶĸ`KŶ,ZŶŶ″Ŷ@ZŶŶŶ-ŶŶŶŶKŶŶ∏\ŶUŶ>J^yŶuŶŶ*ŶŠ>ŶŶv-Ŷ…ŶYKŶ;Ŷ+Ŷ∏ŶŶ}AŶ
z`-[0000,U00...0F/00#0CJ<0xY000'0x0cdw00\f[4K0E0...}0Y'E 010:\k000T-
<u>-7000PK!0000&xl/worksheets/sheet6.xml0Z0r>H}∏0Š0X^<\QIJ0([0±l0'M00'0Ywk0}{.'z</u>
f0T5KVr0"0,000+'0t0~ 00"-y0-
XŶ*'ŠŶIŶ>MV5{Ŷ"}]'\QŶŶEŶYŶŶ/'ŶuŠtzŶPŶ:ŶŶ!Ŷq?JRŶ†\ŶŶ‡'89R'Ŷ5oŶŶŶ4ŶŶoŶ/IL4Ŷ7ŶŶ
<del>'W��Lœ�#Up�$∏r�</del>
ŶdŶ™d-21\Ŷt>ŶŶŶċŶw[ŶŒ/ŶŶ,ŶŶ$ŶUgXdŶŶl=w?ŶŶŶdŶdŶz<™œ@Ŷ3ŶĸŶ{GŶŶ{ŶŶwpœ1P4,gŶ~N>'ŶF
Ô₽P]^ MŶmZ^ŶŶŶŶŶjOP,Ŷ"ŶŶŶŶŒ,Ŷ¥Ŷ+;ŶŶŶaŶw.Ŷ∀ŶHŶ ŶŶ!Ŷ 9ŶŶr•#ŶLŶd1ŶŶ∏)
17U"
<u>,,?.00'•!b4C0}2‡v0v"000\0q00&N0'>^C0](X00f0œ0TG1<0^∏00^0Š0PsuŒ0</u>
7Y 🕏
@:`0,,y8&NAn0000N:0RN0-7tv0XH'00q0`0S0:0@00†N00000†0.+0D00S000,JvC)Ab0
ŶX>[ŶfŶ•d7ŶŶŶ1XŶ∏ŶA=KŶ>b‰kŶ,ŶŶ[ŶŶŶŶMŶĹŧk3/∏PŶ'ŶXŶ :<Ŷ9XŶŶf∏vXf∏[kŶXycŶ
Ŷŧ₩>f:X@Œ ŶFŶX>fîŶ^fŶŶŶ&K<ŶŶXŶqŶŶrŶŶŶ#YKIbSYMŶŶ#
ŶX⊁ŶŶŶŶĬŶŶĬŶœ₽ŶŶŶĸĽu'ŶŶŶbŶŹŶ5,'nŶ\,ŶŶœŶŠŶŠ$Ŷ9Vd]ŶċNŒŨŶċŶŨĔŶĠŶŶĠĬĠ"$Ũ'Ŷ$6ŶŠŶyŧ
0%0005000& 0
```

 $4 "+\hat{\boldsymbol{\varrho}}\hat{\boldsymbol{\varrho}}\boldsymbol{q}\hat{\boldsymbol{\varrho}} \bullet \hat{\boldsymbol{\varrho}} \boldsymbol{\sqcap} \boldsymbol{q}\hat{\boldsymbol{\varrho}}\hat{\boldsymbol{\varrho}}\hat{\boldsymbol{\varrho}}\boldsymbol{Y}) \hat{\boldsymbol{\varrho}} < \hat{\boldsymbol{\varrho}}\hat{\boldsymbol{\varrho$