
NameError

Traceback (most recent call last)

/<u>Users/annabellschafer/Desktop/GitHub/cr_exploration/notebooks/e2e_retrieve_file_get_shareholder_Niklas.ipynb</u> Cell 11 line 2

1 # sum up the total participation in percent for all shareholders
----> 2 total_participation_in_percent =
sum([shareholder["total_participation_in_percent"] for shareholder in
shareholders["shareholders"]])

3 total_participation_in_percent

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0.0032259999999999997

Input Text tokens: 3287 tokens

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sento GmbH_München.pdf
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 $\label{thm:linear_continuous_co$

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 $\label{thm:linear_continuous_co$

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\xy = \frac{1}{x9bv}
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\t\xa5\xaaR\x0c\xda]\xab\xd6x}
t3'w\xba\xb7\xf3\xcc\x1c\x02\xfb\xaa\xd0X\x08H\x0b\xab|\xa9\'\
\xspace{1.5cm} \xsp
a1\x8d\xe8\x1b7X\xa7n\x83F\xdc\x0bh7\x9bC\xe6K\x11\xb8:\x9d\x14#\xc0R\x9
0\xd3\x9c\x8c\x9f\xaaF\xf8Up\x16j\x9b\x8c\xf8\xafBL\xcfqdy\x92\xaeq\xc1\x8
d\x04G\xf8\xb0\x82\x99\xe7?
\xe0<9\xe3F\xde\xb5\x9a\xb5\xaa\xcc\xb5\x04\x81J\xf9U\xf5\xf1u\xe9\xfaN\x8
b\xa0\xef-\x80\xfe\xbb\xe72R\xa0\x1c\x83\xabT)\x84\xd1\xe96 \'\xaa|
a\xbf&\x86\x10\xc2\x13\xd7\x9e\xf5\xa9kFV0\xce\xdc\xe9A\xb0\xa2\xb0)\xfe\x
aeU~\xabd\xcc\xa8\xee\x9f\xad3\x0cv\xd6\xaf\x82s\x1d\r\xf7\x1d\xb2\xa0\xe7!
x9ax06Tx14xb0x95x06_xf4\x01;\x08\xf0\xff:
\x86\x8dvOZ\x9b\x03\xc9\x04\xc7\x80\xa5\x9f\xd0\xbe\x9d!
Awp\x05,q_\x05P\xb2\xdb\x10\x9c\xdem,\xa9)\x9f\xb9
\abi\x8e\x12\x948\x04\xb1X\x1f
Ef\xe8\xf4\xd2\xf9\xc0\x98\x85\xf64L\x17\xc2\rs\xed+
x81\x08\xf5_xfa\x18\x10\xc9n
\x10\x97\xdf\xc0\xea\xfb*\xba\xfei\xca^C\x92\xc88\xe8{\xe8}\xe8c5\x8aa,h\x0
```

 $\label{thm:linear_continuous_co$

4\$

 $q\xc4Ki\x86\xf5Y\xabs\xeb\xf8\x85\xb0\xd6\xe5\xe1a\t\x81i$

 $\xd7\xb9\x89\xe77\xca\x9by\xcb2\x13\x1bP\xd2J)9\xbb\xfdDQ\xffn+$

 $xbf\}an\\x05\\x04\\xa5\\x0b\\Yx\\x16\\xa3\\x1fWH\\xa3\\xf4cu\\x15\\x81+$

 $\xsplus = \xsplus = \xsp$

x91x16x8dxf7+k"\xf5_\xaaiV\xfa\xb9\xc4\xeb\xac,

 $\xc1\xfb3j\xe2\x91G@\x86\xbf\xa1(p\x9b\xe5HK\x95\x9arQr\x1d\xdad-$

\xf6\xd2\xb2\x95\x9f\xe6>k\x9a\x91\xe7`\x13~\xfd\xc4\x92\x05t-

 $f\xd6\xdb\xdb\xdf\xdf\xdf\xdb\x8f\x01\xc0~\xbc\x0b\xe1\x1dxg\xb3\x10\xd4\x94\x89;\x91~:$

x8e5x94xa5nx86xa5xe3Lxe4vxe7xe4xc27xf4Q:

\xfd\xfa\xc4k\x02\xc6P\xd0HA\x0f\xbc\x83\xe9\x0c\xaa\x8a\xed\x83\x89\xd8\x b9x\xbd\x03\xcc\x02\x03Js\xf6\x11e#\xd1\xe6+

 $xf9\xcb\x1ba=HB\x1b0r*\xfb\xed\x1f\x10^V\xef\x80\xda:$

 $\xspace{1.5} \xspace{1.5} \xs$

 $\label{thm:linear_control_co$

 $\x1c\xf7\x1fZ\x9e\xd1\x80\xd4\xa9U\xfe\'1\x1b\xec\x151\xf7,\xdd\xbb$

\xdb\xb8\x88\xb7=9i\x1a\x02\x02\xdc\xe2=hC8\xfc\x99\xb4JL\'&\x8a-

 $x8e\xd25\xdb\xf2\%\xf5\x16\x89\x9a\xbd\xe66\xe9\x1c\xee\&tJZ~)H.$

 $\footnote{into} \xfb(\xde>\x1cS)~\xdd\xd4\x9b\x14!]\xdfE\xab\xd2R~\xc6w!\xc0\xbc%$

 $\label{thm:linear_continuous_co$

\xb7\xea\x9f\xf1\x8f\x8c:1\x8c\x1b\x898

 $\label{thm:linear_label} $$ \x9e\xeanu\x8f&\xd6\xc6\xcfF\xde\x15\xf5;d\xf2\xa6\xd3\xd6Uf\x88n\xac\x85\xa6\xc9\x92\xaaT\x9e~S\x03\x86^\x8e\xa1C\t+4\xf6/\x102_\xc6\x97\xd4\x8e\xfd\xaf\xe2\x1d^\xc0\k6\{\xb3\x8a\x1b\x85\x89:\xb5\xc3\xc2T\xff\x86\r\xfd\x13;=\xa5\xb8\x912\xca]\x98\x03\v''/$

 $\x0fv\xf41\xae\xf0\xfc\xc4ic\x81\xacCh\xbc4G$?

\xdb:1\xd5UH\x0e\xe6\xf3\xd2\xf3[+\x97\x17^\xe4\x13\xe2%

 $\xe7\xf6\xa0\xf4\xc3\xbc\xdd\xbc\xa86:o1\x91\xee\xc2\x99g\xcb!$

 $=FI\xcd\x83\xd9n\xb7\x7f\xf0\xa0\'\xd36\xf8\xccN\xe6\x05D;6\xf2X\xd3*\xe2\x9c\xe0\Au\x84\x0c\xae\xed\x13\xe8\xad\xa6\xaa\xbb\xa6\x95_\xff\x7f\x8aS\xbd\xbf\xb4\xc1hmQa\xa5\x88\xe4a\xf9\xbc-w\x1f\xffK\x93P\xcb\xab\x1f\xcd+$

```
 \x 90(7r9\xdf\x8a\xed\xe0\xf3\x16?\xfd{\xa0\xd5\xbaz\x08J@\xd7\x93\xaf\t| \x99-\x08E\xe5\x86\x89\xcc\x06\x91Q\xd3D\xb0\xb4\xd9\% }
```

 $x1fS\xedS\x04=\xc95;\xdbJ\x87\x04\x0b0&{-1\xdd-}$

 $\alpha4aQt6\x95\xa5m\xb3\x0bP\xedJ\x9a/$

 $s\xcd\x8f\x7f\xf2NdOy\xad\x94\xe1\x94\xcd\x92\xb4n9\xac\x0cN\xca\xce\xc1\xa9\xe4D\xa6D\xe7b\x96eh\xbf\xab\x1d\xbap\x03_\x9bY>\xd5m\x85r\xbbE8w\xd5\xd5\xd5\xe3\xbf\yq\xf8$$

\x16^\x18\xd3Xfh>\x8e\xa3D\xe8\x9a@eP\xa2\x1d\xdb\xb2\x1eX\xf5]n\x05{\x11\x0b\xfc\xe9,Y\xcdg\xb4\xc0N\x92p\xf9v\xaaeln\x91\xaf\x96}\xcc\x8f\xf8\xc76\x14\xba4\xe1z\x88\xa8\xb3Z\x06\x99\xf7\xfe\xd4\xe7\xdfE\xb3\x86\x1a\x06Ph\xf3\xdf\x00)\x9a\x12\xc8\xcb\xd7\x0e\xc1\xd2qJcO\xff\x10\x04\$\xe8\x92-

\xba5j\xca\xfcnt\xa4\xaf_g\xafXI\xb6\x0c\xc6\xf1.\xfc\xcd\\

 $\label{thm:linear_continuous_co$

 $\xc4t[\x87w\xd5\xb2\xfb\xe7\xedQ\xe6n\xc9O29\xdf\x07\x9e\xf7\xb2\xd6E\xa2\xee\x0e)$

 $\label{thm:linear} $$ \x9b\x84\xbe\x8b\x1a\xc5\x12\x11\xd8\x97\x1c\xb7\xdd\xaa\x08=\xe6$ $$ \x08\xc3\xa8>\x84\xb9UC\xb1\xaar\xd7=\xd4:~\x7f(+I\xa4\xc1\x9c\x15\x12\'>\x81\xbf\x8cz^-\xeb\x07\xe2\xf9$$

 $\xb8\xc0\x97h\r\x15\x19\x06/\xac\xfc?\x8c\xe7\xb0(\xe2R)$

 $\xeb\xef>q\xab\x89N\x86\x84\x1d\xbfi|\xf5\x80)\x04\x97\xa5\xee\x84! \xaf\x9a$I\nY?$$

&`\xe2<\xd8;\xffT\xcec\x17\x19Q\x1ea\xd3\x8b\xda\xd6\x87\xd5S\xd3\x9fX\x80\x15d1Vo\xff}\x0b\xc7\xf2\xb0\x17\xb6\xa7\xee\xc8\xb5@)\x1a!\\\x90\x99\x08(\xb4kl-

 $ul\xeb\xda\x14\xcd\xad\x8c\xef\xcd<i\#Z1\xb7\x17\xdbL\xa2\x1d\xa6pfm\xe1\xd1 n\xa3\%Z\xe8\xf9\xfeh\xd2\x8f\x89\xa3\x050t\x1aX\xd6\xc2\x1e\x1c\x8c)3\x93k !b\x9f\xf1\xc7L\xcd\xe4\xf7\xf6\&G\xdcA\x1fe\x93]\xae\x02K}$

 $\x0.05\x0.$

 $\xf3\xf5\xe0\x915\x7f\xc0\xeb\ycS\x8b\x0e"\r\x1d\&\xe4{\x14\xd6\xf1d\xf7\xfe\xffb\x92-Z]^b\x14\#?}$

```
1\xc8\xb96\x14\xcbL0\xee\x8b\xed\xc6\xb4\t!
```

\x9a\xb1\xf4\xa5\xe2\xe0\x19\xa6\x12O\xa2\x80;\x8a\x92#u\x9a!

x08xaaZ\xbd\x82\xceu\x19x\xc0\xbe\xae\x07\xeb3\x1ay"\\

 $\xcf\rORj6\xa3U\x84\xca\xa35\x11\xd7\xca\x06?\xf8\x0f\xc9\Zm\generale \xfc2f:W\xcc:$

\x8b>;\xb0\x92o\xacK\xd8\x8b\xc2!\x1bi\x9f\xd614\xc6\x14L}

 $\xe8\x1eT$)>f\r\x8d\x01y\xb0\xa5\xbf\xcf\xf8\x16R0R\x9d\xad\xa4\x90\x8ft\xe5> $x93\xd0\xc8\x86w\x7fR\x00\xac\xd7\x9a\xf6\xc5\x1eD\x11\xac\xc1[9\xda\xbd\xd]$ $dc\#\xb9(\xaaS\xe6\x13!\xa9\x8c=\x9a\x9fQ\x8c\xaffy\x9b\xdb(\x8e)$

P\x1f\xdf8S<\x1a\x98\xd6;\xca\x9d\xe4NNE;D\xd5w\x91\xd0\xd8)\xea\xb2\xd3\x e1\xfb?\xed5l\xea)+

\x86\xa8\xe5\xea\xf8\xa0N\x1d\x97R\x82\x05\xe8\xb6BX\xb9\x10@\r\xd6\xb4B $x92\xac\xca]\xcf\x04hj>\xeca\xb1,+$

 $\xec'' x852qY: q xd4 x0e x17 x03 xe5 xe6 xfb x00* xd3! xbf xff { xd0 xbb } xec'' x852qY: q xd4 x0e x17 x03 xe5 xe6 xfb x00* xd3! xbf xff } { xd0 xbb } xec'' x852qY: q xd4 x0e x17 x03 xe5 xe6 xfb x00* xd3! xbf xff } { xd0 xbb } xec'' x852qY: q xd4 x0e x17 x03 xe5 xe6 xfb x00* xd3! xbf xff } { xd0 xbb } xec'' x852qY: q xd4 x0e x17 x03 xe5 xe6 xfb x00* xd3! xbf xff } { xd0 xbb } xec'' x852qY: q xd4 x0e x17 x03 xe5 xe6 xfb x00* xd3! xbf xff } { xd0 xbb } xec'' x852qY: q xd4 x0e x17 x03 xe5 xe6 xfb x00* xd3! xbf xff } { xd0 xbb } xec'' x852qY: q xd4 x0e x17 x03 xe5 xe6 xfb x00* xbb xbb x00* xbb xbb x00* xbb xbb x00* xbb$ $\x140\x6\x00\x02\x00*P\xd1\xef\t\x9b\xab\x8d\x0c\xba\x88\'\xfbh\xdep\x8f\xf$ 5@\xc3l\x1d:

\xe6Q\xd3\xd7\xc3\x95gN\xfe\xe4\xf0\xde\x89\xd2\x9e\x03\x95(\x19\x15&vu\x $c3x\xc5\xddH\xfa=b\xa8\xf45\xe4H\x1aM\xc4\x91\xc9\xec\xe2Y]$

\xe6\xf4\xae\x90\xb6\xee\x1f\xd9a@\xf7to6\xb8%

\xfd\xac\xa2\x1b\x99\xabc\x8c\xa8js\xef\xcd8\xffK\xf8\xdbe\x93a\x9b\xdc0\x19 P9+D\x10\xda\xbd4`\xb8\xf5\xcd\xf8\x05\x97[CW\xd2\xe6\x18\x07d\x84\/xc8\x 04\xca\xf1\x82A\x1bf\x9e\xe1Syo\x86\x15\x0e\x86\x13\x1d\x04\xe9\xf2Kx\xf4\x 10\xcc\xe9\xa38J\xc9\x92\xc7`B\x8cV\r\x81\'^4H\x11\xdd\x17^y=O\x9ec\xce\x1 0\xa8\xb49\x14\x19t\xd5\xe1]\x14\xf4\x8d\xd8\xb6\x0f_\xefU2\xe6\x96#%_\xd c\xd0\xbabR\n\xe6\xef\x04\xf2\xfcUW\x11\xfft]kh\xae\x0cB\x80\xab\xbc\xdeq\x $1e\x11C\x13y\xdd\xd4A\xe5h\xe6\t\xd2^\x11\re\xa2k\xdc6\x1f\xcc\xf2\xac\xce\xe$ a\xba\xa9\x84\xf2\xe3\xfa\x87\xe2\xe6\x9d_\x1c\x86\x8a\xbfY3\x1c^\x12\xe2@ $\x f(xfd)xfd(x02a)x96(x95)xe0(xf5)xf7(x1b)x9en(xa2)x1b(x9d)x9f=(xe3%-6)xe0(xf5)xf7(x1b)x9en(xa2)x1b(x9d)x9f=(xe3%-6)xe0(xf5)xe0(xf5)xf7(x1b)x9en(xa2)x1b(x9d)x9f=(xe3%-6)xe0(xf5)xf7(xf6)xe0(xf5)xe0$

 $x16\x12\xa3W\xce\x0c\xea\xc9\xbe!$

 $xeb\xed\xb1\x15\x0e\xe4\xd7\xa2S\x8b\x9aX\xa6yX$ \$

xc7=1ux8exf1Bxa5xcdKx1fxfe:

\xf3\x96}\xe4\x19\x01\x01\xa8\xaf\x9a&\x9d\x8e,W\x80,\x8a\xbft\x06\x17\xa9\x $ba&9U\xc4\x82\x81\xfcm\xf2$

\xc3\x8c\xfb\xac\x13\x02\xff"\xdb\x17g\x82\x98"\xf3/\xd6\xb00\xc1b\xc7\x89\x 9e\x1d\x02DV\x14\x16H\xf6\'DF+

v\xa5\x19F\x92\x8f\xa8\xcb\x03\xa7j\xccU\xba\xe4\xb9\xa1\xdc\x04\x18>1\xd6i -\x8fU\xcb\xc3t\xd1\xb8e\xfc\x95\xa1r\x82\xd0?\xc9\x08\xe96~\x8e%;\x86\

\x15\x04\xd3\xef1]7\x1c9W\xc1\x10#8F&\$t\xb5\x8d\xd5\x7f"fc0@R/

\xc5"90\xcc-;*\xaf\xfci~\xaf\x04#?

 $C\xf0\xa6\xe8c\xb4\xf9\xebd\xaf\x16\xcb\xac\x83\g\xb6\xcc\xa8\x88\x1bZ\x97$ \xe9\xa4\xc4\x92\x8b9\xf6\x96,\x04\xbd\xb16\xf4\xc4\xe4w\xbb3\xe3\x02\t8I\x 9b\xd3\xf40\r;\xbfr\x94\xca\x13\xee\xa5\xeb\x1bOo\xfd\x9c\x01\x8f; \xfa\xbc`\x15\xb0#ib7\xf86\r\x81(\xeeRR;%

 $au\x17\x00\xb6\x8b\xa2Nt\x19<\xce94\xa8\xf7p\xf9\'G\xb8e\xeb6\xc3\xe3\x86\G\xd0\x06\'\xcbO\xa0\x062_\xd9\xaf|$

 $\xf3\xf9\xba\x95\xfa\xe0m\x96K\x93\x1c\x85\x9b\x16\x15[\r\x1d\'\xe5\x08\xf2\xac\x83-\x1c6\x17\xec)$

 $\x87\x84A\x00\xef>\x9b\x89\x0c\xdd\xc9\x8e\xecEk\xf2~\xf3\x07~\x86\xfd\x83\x89\xe1Bl\xbc-$

 $z\x3)\xc2\x1b[\x07\x8bl\xd9\x98R\xe1\xbc\xdcV>\x02V\n@\xc3\x99\x01?\% \\ \x90\xf2\x15\xa2\x05\x90rP\xeb\xe3u\xc7\x07\xc9\x14<\xdf\x96\x98_\x03\xddL \\ \xf1,F\xd4_\x84\$:$

\xc21\xfe\x9f\xc7G\xf5\xec\x98\xfb\x98\x10H8\x83\xb4\xa0\xe5\x02_\x96^\xec

 $iy \x01\x00\x08I\xe3\x12\xf3W\xf8\x976\xcdz\x8c\x97\xc2G\x9d\xb7\x9b\x1b\x ea\xe4\$8\$7\x7f\xba\xbdyf\xc3\xd3\x86\x9b\xc2s\xb9\xe2\xb2\xfbrL\xdcg\xe3\xdaA<\xe6\x94\xb5m\r\x02\xaf:~yI\xf3\xcfp\x1a\x86\x97\x10]\x9b\x16o\xd8E\x93\xa6y\xd0\x001\x04\x03,^/$

 $\x0b\xc7\xe7\x8e\x88\x08z<\xf3R\xb8ga\xd7\xf4\x13\x8e\x01\xc4>@k\$

 $\ab{B5i}x07\x10\xfb\x02$

 $\xfdP\xa4\x88X\xc0\xf1\xd2.0\xfa\xc2\xca\xde\x0f\xfc\#\xa0\x9e\xb1\xfb\x8f\x93$

V3\x07\x0c9--\'\xe3\xa0\xf6\xbc\x0fG\xb4\xfb\\|

 $E\xb4\xac\xf3;\xaf\xf5\xcd\x12\x17\x90\xb7\xde\xf9\xac\xc3\x1f=?$

&I\xa3\x1cFh:0\xb9)\x19\x9c\x90\xa3\xe6\x9a\xc2\x9b+M!

J=\xb6\xab\xe1\x88\xad\xac\xf5\x9dJ\xdfnD%

 $x04Kxf1\xedY''xc4`xa4]xbceA)xb2x9frxeexaax81$

\2\xc4x\xbf\xcc\x88\x99(\xa8\x16\x9dp\xd86!

\xfb(\x18b\x85K\x1d\xcc\x90\x919g\x1e\xc5\xac\x02\xa1\xf0\x97\xff!

 $\xe1s\xf2\x1c\xc0\x14\x91V\xbc\x10\xca\x18\xfaqh+\xdcQ\x17f\xce>&\$

\xa3x\x95\x0c\x98\xfe)\xa236\xae\x80`n\xa85\$

x05x96xa0x10xc0x10x10xee3mMx11XI

 $I\xbf\xcc\xad\xad=\x86<7=\xd8\xf8-\xf5N\xf2,\xd8K\xd0\xb5\xc3\x0bOr\x15\xfd\xc4\x1cE\x94\x80\xa9M\xea-$

 $yq2]*&\xf4\xc0\xde\xa9\xaca\xc47\xd7\xdb\xb33\x08\xb4/\xf5U\xb9K/$

 $\xdbv\xf2\xa31\c\x9dG0h\x1e\xb0\xbcQ\x13\x04\xb8h\xd6?$

 $x8a\\x0fsi[\xd6\\nwY\\xd2\\xac\\xect\\x10\\x08\\xcdN\\xab\\x91n!$

xf4Atxa6Bx88xfaBx1dx83x8cxe1r-

\x08^\x98\x0eD\xfd\x0f\x15\x96\x91WC!

```
>\xad\xed@\x0e\x8f*M\xa4\xfa\x1a\xf8Xd\xe4F\xd7\x9a\x86\x8cJ\xe2\xbey@\x99\x10\xa8q\xb6\x88\xc5\r\xd2{\xa7\xc9\x08\x9b\xccu\xb0\xc1\x85\xbf\xdcg\xeC\xe6\xadF/
```

 $\xf15G\xd1\xfe\xb8\xbc3\xac\x86\x16Y_LA\x88\xf0\xfb$

91\x9f\xd8\xe8O\x90Fo\xd3@\xab\x1b\r\x9b\xb2\xeb\x1c\x1d\xdflo\xc4SYM\xcb\x00\x91\x98\xf9!\xa6\x1a\x87\x9d\x19\x01\xf0\x19\xee\x81t%>\x01\x06j\x101\x8ab\x04=\x89\x1b\xbf4\x11\n\xc1\x86:U\xbc\x14\x86T\x8b6\xa9\xe47/\xf7L\xc9\xf0h\xbb\xa49fl\xbaU\xa4\x86\xe4\xb5\{\x9fy\xb0\xa0\xc2\xbcN\x00\x8eS\xedf#\xd6\n\x11\x90\xe1\xe08\xeeE)+

 $\xcfA\xef\xf2\xd6(\xf6\xcc\xf0Qf\xb6\x0f\xe1\x8a\#\x05L\x8b$

 $\label{thm:condition} $$ \xd6.H\xc1\xd4;\x9e\xbd\xe7{Z\xedZ\x89\xdbW\xe2\x0e\xde\xf6I\xdc\x13z\xf0\xd9\x9a_9m\xa2^\x1d\x18\x9e,\x7f\xe7\xacD\xe0\x9f\xe7\x1b\xdb[\xc0\x126\xf4] $$ {\x9a\xb8\x8b\xd6\xe0b\x91\xbb\xe0\x16\xaeD\x94\x11\xba\xf2\xc0\xe7\x9f\xb1\xs5\x86\xf1\xb9\xc2\x01V\x07\x81\xf0K4/$$$

 $\x03d\xb87\xdb$6\xf9~\xc8hCY\xc5\x8c$

\x9a\xc4U\xdeP-,d\xff,}\xcb\xc0N\xc7:

 $\xe1\x9f\xdfE\xf9\x03Dum\xf4\n\xc1g\x88\x95\xc4n\xe5u\xee\r\xbe\xb1\xe3\x1c$ ny7\xf5v\\xbb\x8c\xfd:

V\xe9\xbf\t\x9aR\xdc\xa8I*^u\xc4\x95\n\x80\xb5\x08\x16\x89Zw\xcf\xdc\x15\x b5\xb9b\xf5z\x80U

 $\xb7\xc2\xf5X\xa6\#f\x85\x9b\'\#\x9d\x1a>!$

 $T\ensuremath{\text{T}\ensuremath{\text{Y}}}$

 $\label{thm:linear_continuous_co$

\x165\xf0\xd5\x19\xa0\$

 $x0e\\xeb\\x19\\x10\\x15\\xaa.6M\\xa8\\xab*\\xd0\\xfbg\\xe7\\x0c/$

 $\xb2\xcaS\x12\x02YS\x9e\xfa\xd6\xea\xebJ\xe2\xab\xcf4\xcfb\xf0\xf7,=\xe1\xa7: \xab\x8f\xffp\x98\xc9\x08\x87\x83_\xe6\x8c*h$'\x1c\x13\nfSvZ,$

 $\label{thm:condition} $$ \xe0\xabM\xad\xaa\x81\xab\x99\xd3$k\xdb1\xc7\t\x1f>h\x89\xef\x9c\xe2\xd0\xa6\xec^\xbab\x84\xbe\xd8T\n\xda\xbc\xb5\xcf\xffi\xbd\xa3\xb1\xc4\xaa\xcb\xa9P+\xaf\xa2\xd6\xc5\x98\xc3*\xdd\xef?$

```
^\xdbV\x03\x00\xf2\xf4\x9e\x9d\x88F\xbc7<2\xe4=|
x83x06xfb^8:xa9#xe8xefDxeb\\=t\nxe9yDxb1xeft
\xf5\xc9\x8d\xce\x8fC\x83\xd6\xc3U\x14\xbc\x1a\x98$
\xea\xa2\x83L\xe2\xdc\xc3\xad\x97\xdeo\x00^\xa7\xc3\x83+B\xb0J\x17m\#\xa2\
x0euKk\x05\x9aDi\n\xbf\xb0\x9a\x01\x88\xa7\x85\xc0|
x08$v'x05\xb1\x98z.V\xd8\xff/\xfb\xff\x16?
\xspace{1.5cm} \xsp
5\nh\xbc\x888\xef\xd2\xaf\xd9\x83\x8f\xc8\x1f\x8a\xa0#\n\xa7\xdc\xa6\xdf\
08P\x19\xa4@\x98R\x1a\xa2u>\x0c7\xae\xdc\x05\x17\xca(\xb6\xa2\x14\x80T\x1
237\x0c\x8e\x9aH\xe3iL\x1c\xb7\xaf\t\xf7\x93m\x18<\xc1\t^2Q\xa2
\xcb\xed\x97ga\xca\x1bC\xbf\x9b\xbcn\xac<\xcd\x8a\x88\xd4\xae=\xaa\xcd\xcc
\xac\x8c\x03H\xc1\xba_B\xed\xdc\xf1X8\xfe\xb8\xbc\x0f*\xca/
o(xcb)qBp(xc0(x0b)x05s(xc5(x18)n(x03)xb5(xf5(xec=(xd2)x92)x85(x7f))
t\x05X\x9d\x9d\x04R`W\xc1\x1d\x1d\x16\xc7\xa1\x9c\x05M\xff^\x0f\xc4\xff\x1e
:\x845yn$\xf9\xec\x96@5\'\x13\x08\xaa\xb9$\xba\xdbq\x97I\xfd\xd1)$\xbb-
\xfd\xdba\xe6\x03>\xce\x17\xa4\xb3g\xcc\n\t`@/
\xd5\x8f\xdd\xdc,m\x95\xef\xdd\Mug\xbc=1\xbc79\x1az\x17+h8\xc8\xef\xbc\x7f\
xe5\x06\nzy\xafm\xd5\xccq[\x84\x857\xb7]\xf5u\x9f\xce\x16\x9a9\xa9\x14\n\x
d6\xc3v]\x1bg\xca\xa1\xf3\xf28@<\xb9\xddv-
\column{1}{c} 
xa6OM\xca\xedW8\xd8\x8c\xde\xc8<<\xff\xac\nendstream\rendobj\r9 0
obj\r<</BitsPerComponent 1/DecodeParms<</JBIG2Globals 8 0 R>>/Filter/
JBIG2Decode/Height 609/ImageMask true/Length 5153/Subtype/Image/Type/
XObject/Width
00\x00\x02a\x00\x00.#\x00\x00.#\x00\x02`\x00\x00\x00\x07\x00\x01\x01\x00\
x00\x11\x0b\x08\x00\x02\xff\x00\x00\x01\x05\x00\x01\x05UO\xd1\xf1\xfa\x
86VE\xac,
\x16]\x88\xc5\xf5\xd4\xa7\xbd\xfd\x99\xa7\x0f"\x16\x82\x17K\xecg6`\xd9\xc0)
vdN\xc6\xe5\xe4\x89_O\x80\xea\x0b$
\xc0\xc9\xb6\x88\xa5\x94\x8e\x85\r1\xa9\x92G0\x8dV{.
x8b;K,bb\\xb4\\xc4\\x08\\xae\\xb8\\x9c-\\xcaC\\xe8\\x0c(JvL\\xe7I\\xddo-
x07S\x1e\xf0\xc7\x1d\xb3\xff\x17D;
\x92\xaf\x9d5G@^\x1b\x14\xb9\xf6\xe15\x95\xf7\x11\xaf\xaa\xc6\xbb+6\x90\xe
3\xf0\x14\xf4;\xd3\xa7G\x92\xf7.\xe7\x98\xe1\x98\xcao\xfe5\x13\xb2\x87\xd6\x
ce\xe5\xcd\x99Qj\xcf\xa2\x03r181\xd4z\xf8M\x1a\n\n\xa5A\x87\x9a\xf3\xafV\xc
0\xef
\xb3\x8a>\xbd\xc5\x00x\t\xb4\x18\xda\xf4q\x1ekJ\x12P\xc5\x1a\xc6\x8a\x98\x0
5\x83\x8b\x90\xf0\xd6\x9d\x00]\xd6\x85\xd7KU;-%\x88\x83\x96\
\xbejkX\xa5\xc8\(\xe7\x968!\xe2\xd50\\x98\xceKk\x86\xf9\x0b$/|\xe9\t\xdd6\\
\xbb\xe5=\x7fx\xc8\xb2e\xb5\x9b\xfa\xa3_\xc7:\xe9\xe0 \xcx\xe9\xdc\xd5/
xe5)@\xec\xe2r\x95\xe3\xc5)E-\x00+\xfc\x83\x84w\xff~\xc4ea\xe3\xd7a:
\xa7\xf5\x91\xd8\xb61\x9c\x16\x8f\xbf5<O\xe3\t\xdb\xca\xe1*\xb4\xf0\xe1J\x15*
\xd9Y\xb8hC\xdf\xdd\xce\xa7|
```

 $\xf30\xc3*i\xf20A\#\x7f\x92\xadF\x1e\xd0\x02zI\xb8tD\xe3\x07Y\x18\xe5\rrcJ\#\$

 $xf1\\xe2\\x17\\x91\\x83\\x10]\\xadG\\xe4\\xa0=\\xa9\\xf8\\xb9a\\x8e\\x0e\\x86\\xc3\{\\xcaHH \\x04\\x03\\x0f\\xda\\xd0\\xd0\\x01/\\x1bS\\x19\\xb0]0,4\\x87[\\xb0\\xac\\xfeO\\xd9,\\xb8\\x9f\\x82E\\xdf\\x80\\xd6IQ\\xb9d\\xc16\\xdf\\x9b\\x81^7\\xa1Q\\xe70R\\x16\\xacs\\xa7]\\x8f\\x8a\\x9d\\x00\\xe9 \#\\x02SB\\xb4!\\xc7\\xa7D)\\xaeor\\xf5+?$

 $\xf3\x81\xca\x9b\x84\xaaX\'\xfd\x04\t\x1cdali\xcd\xdaKr4Tt\x8b\xd4a\x12\xdf; \xbbd\rG\xf5\%+m?$

 $i{xa69(G\x18\x87\x9f\xde\x1d\x993\xa6Lb\x0f\x8fo\xcf3\xef;^\xa8\x81\n\x81\xc0R6k\x1c+\x827\x91z\x12\xf1A\n\xd9\x86-\xfe\xaa)}$

\'\xc7)MH2rY\xfa{\x02AD\x18v\xb89\x86\x91C\

\w\x9e\x1aHW\xffM\xd6\x96F\xe8\xf7%

 $\xcd\xcd\xf2_\xf2wP~\x1e\xeb\x12\x16\x15\x8dg!$

\xfc\x90|\xc1f(\xec\x15\x08\x8dn\xb2\xe0\x185%\x03-

 $\xf3\x8b\xff\x7f\xaaK\xa2\xe1\xc0\xf5\x15\xf4@&\xca\x0b\xf8k?$

\xeb\x94\$WnJ\xeb\xcd\xc9-

#\xf1\xad\xb9\x80\x85\xb8"}<p0)\x9f}v. \xa8/\x16\x89\x14\x0e\x9e\x80a\xb0\x8f\x15(J\\

\x13\xad\x1c\xb1\x87\x90\xef)3\x1f\x99\x9bZ\xfa\x11>\xa6\x90\t\x93\x8a\t\\
\x96\xce*\x94\xbbp\xfb\xbc\xb3\xc6\xb2ITjg\xd6a\x1d\x03\x82\xb3\xaf\x1e{\xfe}\x15\x9d\x83\xb7\x13#[\x13|\x99\xbc.\x8fy\$

 $x95\xc1\xff\x7f.y\xa9\x83\x8e.\x11\xc9\xcf\xaf.$

 $\label{thm:linear} $$ \x89\xc0z\x145w\r\x8fa\xd6\x10\x97\x11\x13\x05]\xd3\xf4vKX\xad3\xd6\xd6LV $$ wB\x81\x19V\x96\xa0f\xc9\xd6:2\xb7"t\x9c\xf3\x94\x0f\xd7\xf7\x1f\x1bF\xee\xab\xeb"\x97\xc1\xc1\xb3A\xe5\x890\xb3\xc5\x98\x9bM\x12\xe7\xdbm\xfa\x902 $$$

```
@"\xd8\x99\x82\xc0&%S\xfb\xb4\x9b\xec\xe4\x16e+n\x0e\xdfa{3\xdb\xabs\xbe
\x0fy40\xce\xd1\x0c\x89\xbe\xc7\x08H\xd8u\xfaPX\x93\xd3I\x92s\x0b\x0e\xf6
x87\xe5\xb2ful\x81\x11\x94-\x10\x83
^\x83b53\x8b[\xbd\xeb\x86\x01\x8b*\xb5{\x98\xcd\x00z"\xd9R\xac\xfb{V\xae\
xeb\x0c7k\P\x97R\]\x97\xb5\x0c?
x85R w*\xe0\xd6\xd3\xa4x\xb4\x9e\xba\x87j\xe1\x1e}
\x16C\xb7\x06j\xbe\xb40\x8f\xd7u\x93\x9c\xec\x12\xb2\xa0\x08>\x89E~\xa3\x
e50\xe4\xf7>\x19{I\x89\x12\xc6q\xff<\x82\x1e\x08ZP\xf5-
\xe1\x97$\xdeKZ\x067\xe1\x07\xf7\xf1x5\xd4\x83c\x99\xaazA\xb5\xff\x11\xa2@
"\xf0\x7f0_W\x0c\xe8\xd9\x88\x7f|\xa3\xe5\x10.&\xc0[F\x11\x8a+
\xf9U\x80\x96\xd3\xaa5\x83\xf2\xa6\xa0\x8c\x936\x1e\x95\xb0+
x95\xff*\xcbl\xff*\xb6L\xf7\xae\xa1\xc9\xe2
\x = \frac{x_0}{x_0} \times \frac{x_0}{x_
\xffOWLRS\xe0<\x16\x183a\x89\xf9\x88[j7\xafh:\xf1p,;
\xaeB\x1c\xa6\xd7\xc2\xb5\x98\xc86\x8e\xbd%
\xc7\x8b\xab\xa45N\x80\x0e\x0e\xf2\xc0\x81\xc6!\xf1T\x18\x80p<\xee\xa8%
x0fx9dxf1xd3-
\x0e\xccDa\xfa\x96\'_huUB\xb5R$9\x97\xe2\x83W\x00\x96\xf0\x89?
\xc9s\xde\x93\x9f;o0\xa1\xf7\r\x8e\xc2]\x86\x7f\xd0\xd9\x1fS\x91\x0c\xec\xe2\
x83\xc2\xadQ0\x1c\x9b\x8da\x95e\xae\xb3\xa4\x14\yaFJ\xff;
\column{1}{xc0}\x03\x18D\x14\xbf)Axn\xa4\xa6F\xfb\xb6\xd1\xa9\x1aT\xdd\xc5i\x83g)
\xba\x81\xb7M\xc9\xf8\xf3W\xffG\xa0\x8d\xc2M5\xeet\x87\xf3\x82\x85Ps\x1cD
VeLS7_\xc0\x9b\xa1\x18%\x9b\xb4\xb7]\xb1\x04BF;
\x93\x88\xbbs\xe29\xf48\xdb\xf1\xd3\x84)\x7fZE\x96\x88\x81\xefc\xa0X\x0b\x
ac\x00Gy_@\x9e\xa9R\xfc\x10@(\xa3\x12\xaf\xf5\x9drF\x1d\xf0q\x82\xd1\x04x(
\xd7p\r\xd5\xee\x0eg\xeb\xc1I\x90!\xe0I\x04~n\xcf\x94"\xf0wr\x84oI
\x188\xdb\xa7\x0f\xdb\xd3\xd4\x07\xd4\xd8\x86\xe3\xeb\x81\xf5\x07{a-
\xspace{1.00} 
\xf4\xf7\xfa\xe7$\x19v\xde~0\xc9t\xa1iHq\xdf\xf1\x0c\xbe\xcf[\x86\\7\x17\xff]
\xec/\xf6\xeec\xffr\x04s\xff-\x10\x1dG^\xa9\x05\xad\xdewT\xc4\xc6\x82\xfc,
\xffS\xf2\xe5\x93n\x11\\xab\x9ej\xf0\x85]Z\xf2\xe2\xcf\xa2Z\x08\xa4\x89y\x94
J1\xb0G\xb5r\xef\xdc\xf6A\xb8u\xf2:]\x90o\xfe\xb3\x8c\xae\xb89\x11G:UJ\x13,
Cgc8\xcc\x9d\t%X\x0fS-R\xa3;I1\x86\xcd\r\xacN\xe9\xc6Tq?\x1cjl
\xef\xf8\xb1\xb2C\
\xfdF\x90:\x8e\xe4\x05S\xa9\x13m3T\x94\xb5\xee\xc3\xd2\x8dO\x04\x87\xc3\
x03\xa2=\xb2\xab\x9b\n\xe1\\xe1\xe2\xab\xe4\xcf\xe8\xo3\xa3\%
\xspace{1.000} \xsp
x05x12\xdd\xd4
a\xcf\xe0\x94\Nt\xc3\xf6\xe4\x1fZ\xad\xc9E\x94\#\x8a\xdb\x0f_\xd9\xb1\xe45~
%M\xdaap\r\x93C\x0b\xf8+\xdc\xf0\x0c\xae"Z\x1d\xc7
\xf1\xe7*\xad\x90\xca\x00|\x03/\x98C\xc5\xca\x11nw\x10\x02;\xab\x90\x14s\xaa
g\xca\xee]I\x10\x8e[\x84\xa9\'\x9e$y\xee\x0c\xd5\x08\x07\xe5\xc4\x96\xec\xd
3<\x8N\xbeK\xfd\x80"\x84\x9b\x98\xaaU6\x1e\xbc\xf5\xc2z\x1a\x15\xe0vh&<.
\xff(x01)xf0\xcf(xe3Y*\x89)x14XF~t(xc0)xf1R(xac)xbf(xe7>^\xc5fnU/
\ff#\xdb\xdf\xda\x99\xbepFt\xeb\x94C\xad\xc0n\xb2\xd4\xb84\xeehloi3\x81\x
bf=L\x18\x85\xa7\xcf>\x06]\xa5\x14!\xf1p\xe8\xffM\xde\xc2GOiDL.
```

 $\xdd\xd5J\xddJR\xb1e\xeb\n\xbc\x03\xe4\xf0:0 K\n\x86\x141A$,

\xf0\x81\x89\xaa\x89\x86\x85\xe2\x93Z\xc4\x87\xc9\xeca\xed\xb5\x86| \xe7\xb6\x01V\x9eP\xe65\xb5\xac\xe0\xc9\xe0\xd5\xd1\xb5\x93\xc8Q\x00\xf2\ xa7\x89\x84\xffM\x83\xd2Q\xbe\x97^\x1f\xb6\xce\xe0\xc8\xb8\x86\x82\xddj\x 91\x10OE?

 $\label{thm:linear_continuous_co$

 $\x 37\x 12*d\x 13\x 8eR\x 91\x 15K\x a5(\x 18\x d5y\x 88i\x ad\x a1E0\x c7d\x ee\x 9c\x 17\x 81\x de\x 9cX[\x 7f\x 88L\x cc\x 01\x 05q\x deM0\x a0\y F\x 96\x a0}$

 $\sim \x00x10x97\x01xb7\xb6m\xd4\xa1\x85\%\x06\xb8>\x1fw\xb0\xad\xfb\xa1;\xbd\xc1\x13\xed\xd1\x824X\x93\xb3i\x93\x7f\x17\xeaw\xfdi\xb24X\xb2$

 $\x) xbb\xaf\x85l\xad\xf3h\xff1pA\x99[yd\xed\xedD\x12#y\xaf\xcb\xfa-?]$

 $e\x0b\xf3)\nTn\x80\xea\x9fL\xaaJC\xf2\xef\xdbsiz;\x02\x06\xe1\xc0I\x95\x97?\xb4\xa0\xf6\t\xcb\xea\x11\xce|$

 $[\x91Cs\x91\x9f+9\x91\x8ds\x7f\xf0w7B\xaaG\x82.\x9eW?$

\xa2\x85\xd8\xbc\x8b\x8c#A\xcc\x96i2\xd8\x91\xbcBN\x1e.

 $x0c\xf5\xe6\x19g\xf3\xbf2\xb6\xafH\$

 $^f\x05\x05\x065\x039^U\xf9\xacn\x9a\xaf\xd3\xfd\xa5\xf3\xa6\x14\xa06^\x95\xd3\'w\xo279\xcek\x1cU\x9b\xf0v\xe8\xa9\x11\x03I\x7f\xd9\xe6\xa0\x1e\xd5osL\x1c\x97\x80vx;6\t\xcbfE \}$

NE\xea\xa2q\xe8"\xcb\xd2\xdc\xa0\x9euG\x8a\xb5_\xeae}

 $w\x97_\x99\xd4z\xc0\x05\xc9Z\end{2} o\x9e\xd7k\xbfd\xd0\xc2\xf9O\xdc^&\xcc\xce\xex\\ 8aR\xf4\xa7JJ\xe1\xb1=h5p(\xc5\xe8\x9d|$

 $m\xde\xd2\xd0m\x91\xd5k\x9e\x9f\xa2\xa2\xa3\xec\xe1\x85zsdhMS\xf3\}$

xK\xdc6\xf6\r\xe5\x06\x1d\xf5\x80\x18\x81\x16D\xc8\x14`/

 $\xec\xe6\xca\xc4[9\x8b@;$

 $\xbfs\xc3"Tg\t\xcaZ\x11\xf8\xbd\xa8X\x13\x16\x1e\xd7xJ\xf6qG>\x16ND\x0b\x8e\x1aO\xf6\xd05\x17\xd4\xfb.$

 $\xb0\x050\r\xefYc\xc8\xe2\xa4\xf3\xcd\x0f\xfe\xf1\xeb\'\xe9\xd7\x8f\x17\xed\xa$

```
dk\xc72\xef\xe9,gz\xd6\xa8\xa22X1\x9b\xe7\x1f\xdd\xf1\x01\xff
\xe7\xa4\xdf\x0bm\x93\xe10\xb1k\xf9+W\x90\x19T\x1a\x81|\xa2\x97\xd2w\x91\x
c5\xc0\xa6\xf2\x91\x86\x96\x9c\x94\xd1\xaf\xca\xb0\x96\xf7l\x04\xaf\xb8\xd6\
x9e\x3\x34\xffL\xf4\xe8\xd7\xa2\x1br
\xf2b\x187\x7f\xd7\xb4\xe2:N\xe0\x00\xaa\xde39\xa0H\x1b\x13\xb1\xf4\xc1\x99
|A\xdb\x8c%\\\x1c\
\H\xbeoxH\x95Ho\x19\x8fd4\x91\xc9\x98\x1d\xc0]\xdf\x93\x06 a\xee|
\xd0b\xaf\xd3\xe7\x8eYz\xfa\xc8\xe5\xb6\x1c(Y\xa8\x90\xe0\x1dg\xe1!
x94\xf1d\x1c\x15\xb4\xf9\x12:\x1f3o\xf9\x1a7\xfct\x102\xc3<1B~\xbb\E[?u]
\xbb\x9c\xfexn\x1bg\xc64\x9b\x81\x8f\xf5-
97\xc6\x7f\xff\x7f\xf7\x13\xf3\xba\xa1S\xbc\xb8~\xb7,\xa5\x96K\xcao\x984/\xb9
{\xd8!\xbc\xf6Y\x94\xbe\x18\x0e\xc8\xfd\x1e\x91k\x95c\xf55\xbcR6\xde\x96
d\xbc_\x02\xca\x05\x8a\xd35\x8b\x1e\r\x1e6\xd9\xe2J\xc8G\xff}
\xc8V\xdf\x10]\xac:0\x88_G\xb2\x19\x91\xfaG\xab1,-
fg\x8cZ\x91\x17`H\xa8\xa7\xe9^\x9b\xe4\xccg\xf7\x1b\x98\x9d\tq\xe6D\xa2\xb
602\xeb\xc6\xb8\xdbG\xfa\xd8s\xda5\xc4\xc9\xaa\xce\xc6a\xd2\x05\xc0\x18\x1
9\xf8\x10<\xfa\xb1\xc6\x8f\x000\x01\xabV\x97_\xf4\xf9n\x14\xde\x8d\xc20\x92
W\xc6\x07<\x95b\xb8i\xbb\xc2\xf5\x10\xa1\x7f{w\xe7D\\Q+
a8?K\x9a\xc1\x07c`$R\x19\'"\x93c\n\xf4\x0b\xa1\xff}
\xcd\xc4\x94\xd4n\xf3\xd3-\xd2\xd2\xce\xdd\xd2\us\xc5h\xe0\x9bE\xf5a?
HG4\xe6\xad\xa6\xa1[\xy94\xy95\xcc\x1d\xdd~\xy9do\xed)*\xf0UCMf:
\x85^8\x95\xc7eH)c\x83wW]V\xb6\xb9z\xee\x14\x11\x14}\xe9\x9d\x85wuJ5\xff
W\a02.\xbf\xd8d\xe9F\xc0\x80\x82]@\x02r+
```

 $\label{thm:linear} $$ \frac{x18@x15\|x89\|xc11\|xad\|x7f\|xff\|x7fz\|xb1\|xadg\|xf8G\|xeag\|xa3\|x80c\|xf3\|x11\|xcf 7\|xbfmjn\|xf2d\|x088\|x01\|x81\|xdd\|xa4d\|xa4d\|xa4d\|xa7\|x87q\|x10E@Y\|xe4\|x95\|x9 c\|xdf\|x9607\|xde\|xfc\|xa8\|x19\|x8cT\|xbe\|xcb\|xb3\|x072\|x87\|x01e\|xd3\|xe9n\|xaf\|x fd\|x8e\|xa6\|xb5\|xf0\|x0f0\|xce\|xfd\|xa4\|xc1\|x88D\|xef\|xa9@\|xd4\|x08\|x1f\|\|xe2\|\|x1e\|x02\|x8a\|xc8\|x8c+=k\|xdc\|xcc\|xd5\|xfe\|x03K\|x86d\|x05\|xa3\|x955\|xca\|xad\|xb1\|x87\|xc2S\|xad\|x18\|n^*\|xf8V\|xed\|xb4\|xac\|x1b\|xbf\|xa7\|x86\|xd1D\|x0e\|xa4\|x06\|xe2\|xf4\|xfd\|xa3\|xfc\|xb6\|xc9\|xd4\|xe3U\|xc6\|x1a\|.$

 $\label{thm:linear_control_co$

```
\xcb\x0b1t4\xf7XO\'\x9c\x12\xc2\xe7O\xed\xca06\xf5IG\xbc!
```

 $W\x8b\x86_\x8b\x13\xc2S\x8b\x18h\xa2\x03\x1e\x9d h+\xd3Rv'\xa3\xf0kx|$

\xb8\xd3w\xde\xd7*\x85\xf8\xd9\x02\xc2\x17\x89\x9e{\xdaS%j\xe9\xa6\xa5\x0 1#\xef\xfbv\x93\xe8\x99\xd4~\xbc7/\xbf!_q\xadrY/mc\x87\xd1\x06k\x8d,\xa2-I: \x82?

@\xc3\xda\xd8S\xc8\xee\x8d\xddO\xab\xbf\x9d\x8e8\x83\xdcw\x99\x13\xb5\xc9Pi\x0e\x13\xce\x16 $\{x8b\xa2\x87\x12\xa3\xb1\xe2\xfa\x0b\xff/\x85A$:

 $\footnote{Among the continuous of the continuo$

 $\label{thm:condition} $$ \sqrt{x97} \cdot \frac{1}{x00} \cdot \frac{1}{x$

 $8z \times 3 \times 6r \times 8 \times 96r \times 8 \times 2 \times 5M \times ce \times 15 > \times 84 \times 60 \times 97 \times 57 \times 10 \times 92Q ((x83 \times 96 \times 95 \times c2 > xf10tKrR \times c31 \times 94 \times c6 \times eb > x9f \times 87 \times 7f \times be \times 14 \times e^{x94 \times 97} \times e^{x02} \times$

2\x1f\xff\xac\nendstream\rendobj\r10 0 obj\r<</BitsPerComponent 1/

DecodeParms<</JBIG2Globals 8 0 R>>/Filter/JBIG2Decode/Height 150/

ImageMask true/Length 864/Subtype/Image/Type/XObject/Width

\xf3\xb0@\x07\xe3`{[I\xca\x87\xb2\x87\xcf\xf2\xb0\x1d-

_\xc7\x0bDs\x91\x87\x98\x0b\x1b\x19\x95\xda\xd1\x87g\x10\$W\xebfi5\xcct\xd5]H\xa4\xe9\xc5\xbc\xa3(t\xa4\xc6\x85

\xa3R\x8e\x8e\xb5\xb57Y\t UW\xfe\xe8

 $\xde\x9b\x02\xd0\x1f\xf3as\x9bF\g\xfc\x89Ma\x94\x91\x1f\c\xb35\$

 $xf3\xb4B\x0c\xdf\xd7\'\xc0\#m\xc5\x8fq\t\x98\x18M$.

{\x90\xab\xd5\x06wn\xc4\xfb\x03D\xc5\x9fj\x06\x15\x96\x00\x9b\x0b8\xc9\xf

```
3.7\x88f\x9d\xce\np\x04\xeaP\\x05\xd0\xd8\xb3dkJ=\xa3\xe4_\xd9\r\x98Y: \x1dI\xcd&I(\x19\x8b\x9e\x8aKZ\r\x9f}\x92\)
```

 $\label{thm:linear_continuous_co$

 $hJ\xa1\xa3Mk-\x03\r\xd4\t\x8d\xed\xf5\xd1e\x81\xe8dA\xe5P\xb6\xfbZ)$

 $\x1c2$(8s3b_\xc7{YW}\xcd\xfe\x92\x0f\xf7\xb4`:\xd2\xd8:$$

 $\xbb\x04\xc3\#\x7f\xffz\xbc\xa4i\x89\xc8\x9f\xce\xb3\x87\xd8\n\xc7\xaf:$

\xbb\xa0\t\xdco*x\xce\xff\x1b\xf7\xc9\xca\xf2\$

 $\xb0\xd2Q\x18=\x8aD\x1d\xa2\xfd\xaf\xd5?\xc6\&i\\xa1c\xaf:$

 $b0\xfe\xbcE] 70\xad\x9c\x97\xfc\x87\x84nu\xf7\xbdUt\xe3\xbf\xfer(\xa2\x122D\xs40-\xs40-\xs40)$

 $C\x10\xf4P\x90\x8dt\xc7\xad\xf09\x86Rf\xca\xe8\xd1`\xd2C\xe1\xaf\xad\xda\xe5\xdd\x982L+\xdf\xa2X\%$

 $L\xb8\xbb'\xda2\x8e\xf7\xa0.\x8b\x18\x9b\x16\Wlq\xaf\xc2\x01\xbc|$

 $\x1b\xd1\xa8\xdc\x9a\xef\xf1\xfd+\xaa\xbe$

\xc1\xcf\xab\x84\xa6\'f\x1aruPdt\x01\x07\xa4=\xd4\xe8\x06\x1f\'\xfa\x17X\xe3F\ xfa\x01\xc5\x93\x12\xcc=5\x15\xdf1V\xa6\xd1\x98\x9fT\xb9\x12K\xf3\x97_\xa0\ xba\xd3`\x1a\x98\xb1\xd8\xef\x96\xcb\xa0_&\xe7\x12\xa3q\x9f\x8bbi\x04\x8bf] Xy\xfbn\x96\xa4\x98\x94\xbd\xaaH\x96\t\xac6aF\xedK\xc5J\x80\x8c\xcf\xb8f S\xfbRQwn\xaa\xb9a\xa3\xc9IXnu\xd4\x96\x1d\x95pPAkE\x1d\x07

 $\x 3\x 1 = \x 11\x 18 E\x 82\x a 3\x e 9\x 82\x a 7 t\x b 0\x 17\x 13\x 9 d\x c e\x 8 b 4\x 9 0 n \& P\x 9 a \x 8 0\x 9 2 C\x e 1\x c f\x a 6\x 11\x b e -$

 $<\x8d\tQ\xc8\xb3\x03\x13\x04[\xa3\xe1\xa6\xfa\x830\xa2\x06R\xc8u&\xaa\xc6\xf8X3A1\xb3\xaa\xb5\xe6\x88\%6\x8c\xa8\xb5\xbe~\xb6\xf1G\xa2N\xc4J\x04P_P\xe8\x1d\xc2\x01jq\xe56\xbeM\xd6\x17r\xed\xff$\xbd\x01\xc9/$

 $vc\xd4\x15I\xe3\xe5X\xcb\x00^\xd2\xc7(\xf3/\xf8''\x97\x9c\x01(\x84r6\x8a\xef\x02`B\x90\x07\x19\xde\xcf\x97\xbb\xe7\xb7\xd0''\}$

 $8\xa2\xaf\xf6]\xd15\xf2\xf1\xf6e\x0cD\xf3\xc7\xdf\xf2N\xf1\x07\xb5\xa1\x1f\xf3\x01\x9f\xea\x05\x96\xb0\x9a\xa0\xa9\x92\xcb\xa4\x1e\xea\xbe\xd7B\xab\xb9\xca)\xed\$

\xb12\x8c\xffO\xf2\xa1`[\x001\xad\xa5\xa2\xea\xeeD\t3\xc0\x06\x1f"O\xf1\xca\x c0d\x7f;\x00?\xb4<\xffh3Kpj\x11,X\xc5\xbdgg\xff\xac\nendstream\rendobj\r12 0 obj\r<</BitsPerComponent 1/DecodeParms<</JBIG2Globals 8 0 R>>/Filter/ JBIG2Decode/Height 67/ImageMask true/Length 578/Subtype/Image/Type/ XObject/Width

 $513 >> \ | x00 |$

\x91\xb4\xa8\x16P\x86\x96v5\x08\'%\xa8\x1a\x9f\xfft\x85/

```
Ch\xe9\x1ef\xf28\xbf\x95\xee\x82?
```

 $d\x7fh\x82V<\xea\x8cx\xaf\xc5\x85\xea`\xa3s\xe6\x07\n\xe4f\xddQjl\x10\xae\xd8\xaf=\xc3''\x80\xc0p \}$

j\xc6tl\xaa\xc9`\x8a\x9e\xcaD\x02\xba\x9c;u\xe5Qb\xe2\x14!

 $p\xfc{5\xce}x04\xd1\x04\xd2D\x17vVn~\xea\#\x16\xe5\xee\xc1\xaf<b~S\x82B\xbd\x13:\xe5\x01\xc0\xbfc\xfdT\x06-$

\xa7\xdeA<\xf6K\x99\xa4\xb0\xf5\xa7\x11\xe4tz@N\xf33w\x06F?

 $\label{thm:linear_continuous} $$ \x06\xe^{x05\xef}(x0b_\xe1\xe2]\xea\xe2]\xea\xee^{x05\xe6}(xb6\%) $$ \x9fC\x99Jm\xeaet\xd5\xeb,\xef\xee^{x10H\xbe''\xe6}\xee\xee^{x20}\xb2\xbdnyP] $$ \x0c\x8b\x87\x0e''\xea\xee^{x11\xe6}\xb2\xbe} $$$

 $\a6\x6\x1d^c\xd3\x1b\xa1p\xfel]\xb4*\x89\x15\%\xa1k\xf73\x$

\x00\x1f\x9en\xfc=u\xf9\xc3S\x8a\x12\xf6\x17c\x7f\xff\xac\nendstream\rendobj\r13 0 obj\r<</BaseFont/Times-Roman/Encoding/WinAnsiEncoding/Name/F01/Subtype/Type1/Type/Font>>\rendobj\r14 0 obj\r<</Font<</F01 22 0 R>>/ProcSet[/PDF /Text /ImageB /ImageC /ImageI]/XObject<</XIPLAYER0 17 0 R/XIPLAYER_CM1 18 0 R/XIPLAYER_CM2 19 0 R/XIPLAYER_CM3 20 0 R/XIPLAYER_CM4 21 0 R>>>\rendobj\r15 0 obj\r<</Contents 16 0 R/MediaBox[0

0 842 596]/Parent 2 0 R/Resources 14 0 R/Rotate 270/Type/Page>>\rendobj\r16 0 obj\r<</Filter/FlateDecode/Length $1532>>\rstream\nx\x9c\x8dX\xdbn\xdbF\x10}\xd7W\xf01\x01df/\xb37\xa0/$

\x9e\x0e\x8a\x05W\t\x0b\x14\x14\xa1\xc6C\xfb\x0c\xa8,\xaa\x931j\x80\xe2\'\xb

```
0\t+\x87\x04\x08\x8f\x95\x1e\{\xf5\xb2\{X-\xf6ig6\xdf\x19eJh\xe1\xd1\xe7\xcb]\xd3l\x9a\xed!
```

 $\xd5\xda\x99\x8e\xf0at\xee\xd3g.V\xd1\xa7\xed\xf7f\x7f$

 $\x 6\x 85\x 83\x e 7\x c 6\x 13\x e 9\x 0 b\x 8 5\x 9 e\x b 8\x d c\x d c\x 7 f,$

 $\x^7f\xc6\xb6\xfa\xbak\xd6\xfb\x12\x1eys\x1e\x1f\xea\xcb\x9d4\xb0$ }

 $X5\xdb\xf9D7bZ\xd6\xc4C\x11\n-J\xc4vTy;$

\x91"\xe7\xf5\xe94Q\xd7"\x85dh\x12\xd3,\x18\x1d\x0f\x07Y\xe0R\xc6\x14\xb2\x 13\x97V\xf8\xc0&\xd5\xe6\xfc\xec\xcc#u\x9e\x82t."E\xe4\x8b\xc5\x04 / 80\xcc\xf3`"\x0f\x86\x8b\xf9xPp\xfe\x10\x8c\x89\xa9\xb6Am^q\n\x14\x151"\xc 3!\xfc\xc4\x0b\xd5\xae\xa9\xbd\xfc\xeeC\xd5\x889cE\xe9\xf4\xcd\xa6 iJ\xeb\x1d\xc3\x8a\'\xf3\x80>\xb63\x0f\x95K\xac\xc3\x85\x08\xc9r\xf3\x18\xc8 \x94\xa6\x02\x87\x14\x93d\xdeM\xda\x82\x88x\x11\xf1\xc0Y\x89\x06M"\'AFy8 m\x0b\xd2\xa3\xcdkm\x01\xe1R\xc6\xde\x99\xb4\x05\xe1\x81b\xd4\x16\x86\xaa \xe6w"yr\xbe?\x9e\xd7\x8f%

 $\x0^{x96}\x8aN\x8f\x8b\x82f\xbbAIG\xf5G\x0f\x84\xac\x7f/$

 $\xf515\x10\xf7\xc0\x9e\xab\x92\xab\x13;\x84\x95\x99\xab\x8fX\x1e\xf9\x91d<\x86\xbd{\xb3Z<\x1d^\xb6\xcb\xfd}$

 $< \xd2f\\ xae\\ x90\\ xd1\\ xa5\\ x04\\ xb4\\ x1e\\ x18\\ xe8bs; u\\ x14\\ x135\\ xcb\\ xb5\\ x19^\\ x00\\ x07\%\\ x14< m\\ xeb\\ xc4\\ xf5C\\ xf4\\ xa1\\ x13\\ x0eBs\\ x84\\ xe0\\ x89\\ x89\\ x03\\ xa5\\ x8aE\\ xceZR\\ xeb\\ (\x08\\ x90S*\\ x8c\\ xaf/\\ xd6\\ x9e\\ xe8\\ x98\\ x9aav\\ x96$ xbd\\ x83\\ x9d0#\\ xe8Aqm\\ xa9\\ '\x8c\\ x96\\ xc2\\ xa6\\ ref\\ xe4\\ xf2\\ xeds\\ xdf=<JRnFI\\ x18\\ x9c\\ xae\\ xb2IV'\\ xcc\\ x88D\\ x91\\ x80\\$

\xd4\x8c\xf8p`\xa5:\xe2\x86\xc5D\xae\xd6\x0f/

 $\label{thm:linear_control_linear_c$

E\x13\xfd\xe8\x03\xfd\xa7^\x08\$

 $\label{thm:color:bold:color:bol$

 $0P40,,0bFJ:Ptfzxrfpn\x80\x90\xb8\x9c\x80\x88\xae\x8anp\xa0\xda\xa2\xae\x be\xc4\xce\xd0\xce|$

8a(xa2x8a(xa2x8a);

\xfbR\xd1E\x14QE\x

x14\x94\xb4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 \x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x 14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE

xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\xa3\xcf\xb5IE\x14QE\x14QE\x14QE\x14QE\x1 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\

4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 $E \times 14QE \times 14Q$ x14QE\ 4QE\x1
QE\x14 E\x14Q x14QE\x14QIKE\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1

QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x 14QE\x 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14

E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 7\xa5KE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QL\xcf\xb5>\x8a(\xa2\x8a(\xa2\

```
x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa2x8a(xa)xa)xa)xa)xa)xa))))))))))))))))))
0 obj\r<</BitsPerComponent 1/DecodeParms<</JBIG2Globals 8 0 R>>/Filter/
JBIG2Decode/Height 2052/ImageMask true/Length 11720/Subtype/Image/Type/
XObject/Width
2697>>\rstream\n\x00\x00\x00\x170\x00\x01\x00\x00\x00\x13\x00\x00\n\x89\
x00\x00\x08\x04\x00\x00.#\x00\x00.#\x00\x08\x03\x00\x00\x00\x18\x00\x01\
x01\x00\x00\'\xab\x08\x00\x02\xff\x00\x00\x01\xe9\x00\x00\x01\xe9c\
```

\9}\xc7\x1c\x98\xe8\t\xbf\x1f\xd4\x85c-

 $x8e\xf0\x16\x1d\x9d\xcez\xc2*o\x80\xb9\xc0\xd8$

\RhWY\x8aY\x06\x88Gy\xd4\x0f\x84\xa0\x83\xd1\xb1\xc7\xa51\xe0\x86\xaatXI

 $%If\xfbqA^\x1a\x7fW\x8e\xee\xef\xb5\xf0\xe6\xda\xaf7\xa5\xf9\xd3\xbe\x95G\x$ $c5\x98z\xe7\xc5\xba\xc8\x00\xfb^{}$

 $8\xb9\xaa\x85\x9b\xa1\xa1\xdd\xc2\xffo\x12\#\x93\xba\xc4\x0b\xc7\x08C,3!$ \x1d\x84\x0c\xb2\xee\r\xd3\x0b\x97\x00\xf8\x97\x93\xc6\xf68s\xddN\x90\x13\ xf3\xc9\x97\xe4\xd6\x89\xd9\x07\xbdZ\xc0^\xb65\xdcN\x056\xd2Z/t $xf6xa4\\xeb\\x16\\x9ee!\\xa5 +7+$

\x850\x1a\xbe\x88D\xb6\xbc\x8br\xb6\xa1\x08y\xd2\x8d\x99\xf2\xfc\x1d\xb9\x $10\x88\xc8\xc7\xb3\xf1\xeb0\x1f\xf2\)\x11\xff<o9s\x81:NM\xd0\(\xef\xbf\xbd)$ $\xdc\xb3\xf0c+\x11\xf0p\x9c\x15\k7;"$

 $\x 8\x = 1\x 0 < x 8 9 x 14/x 8 3 x b 1 x 1 f x a 4 x e ch "x f 7 x a c x c 7 x e c A." 0 x 8 7 W x a d x e c h "x f 7 x a c x c 7 x e c A." 0 x 8 7 W x a d x e c h "x f 7 x a c x c 7 x e c A." 0 x 8 7 W x a d x e c h "x f 7 x a c x c 7 x e c A." 0 x 8 7 W x a d x e c h "x f 7 x a c x c 7 x e c A." 0 x 8 7 W x a d x e c h "x f 7 x a c x c 7 x e c A." 0 x 8 7 W x a d x e c h "x f 7 x a c x c 7 x e c A." 0 x 8 7 W x a d x e c h "x f 7 x a c x c 7 x e c A." 0 x 8 7 W x a d x e c h "x f 7 x a c x c 7 x e c A." 0 x 8 7 W x a d x e c h "x f 7 x a c x c 7 x e c A." 0 x 8 7 W x a d x e c h "x f 7 x a c x c 7 x e c A." 0 x 8 7 W x a d x e c h "x f 7 x a c x c 7 x e c A." 0 x 8 7 W x a d x e c h "x f 7 x a c x c 7 x e c A." 0 x 8 7 W x a d x e c h "x f 7 x a c x c 7 x e c A." 0 x 8 7 W x a d x e c h "x f 7 x a c x c 7 x e c A." 0 x 8 7 W x a d x e c h "x f 7 x a c x c 7 x e c A." 0 x 8 7 W x a d x e c h "x f 7 x a c x c 7 x e c A." 0 x 8 7 W x a d x e c h "x f 7 x a c x c 7 x e c A." 0 x 8 7 W x a d x e c h "x f 7 x a c x c 7 x e c A." 0 x e c x e$ $94\r\xc3\xaf\xb0\x04\xd2\x1c\xaa\xca\xff\x14\x93\N$

 $\x8b^\x0f\xc(\x082"\xddUp\xb1\xe0\xe4\xf3~!$

(\x90\x0f\x14\x07\xc3\xc95\x84e\x08|\xba\x02\xb0\x7f\x04\x11\x13i!

\xc0\x05\xfd\x96T.J\xa4\x96\xecRD&\x19\xb5j\x8e\x82\xf3F\x8e\xcf\xde\x80\x1 $e[cW\xa2\x04_-$

 $\x162\xf5\xa3*\x0c\x08\xe9P\#\xa2\x9e\xa3\xd7\xee\xd7~\xde\xfb\xeere\xb9\xb$

 $\label{thm:condition} $$d'\times8c\times7\times6(xf0)\timesfdPO(xaap)\times088y\timescbK(x81)n\timesd0(xcf\timesdb)\timesa4(x9f)\timesd7(xb4)\times9c\timese5b\timesdeyRG(xbb)\timesb7(xa9)\timesf9(x8c)\timesc7(xd26)t\times82b\timesae4(x15)\timesc0(x16)\timesc0Zpj(xc7)\timesa9=i(x7f)\timesff(x7f)\timesff(x7f)\times9c\timese2(xa3v)\timesbe(~7)\timesd2)\times9fr(xe5)\timesac\timesd0(xf88)\times95(x97)\timesa93(x8e)\timesdd.$

\xe7\xcd\xad\x9a8L6\xe9\xac\xbcl?

 $\xf1\xd0e2\xa6\x00''\xaa\xf3\SO\xb13zw\xfe\xe4V\$

 $\label{thm:linear_continuous_co$

 $\xd1\xc3F\x02\x80\$

 $\label{thm:linear} $$ \x 19\x14\xae\xa3\x8b\#\xa2ba\xe1\xdc:X20\xb5\xad\x94q\x85\x9cb\x act\xdfV\xa9\xfa\xb1\xc6\x90\x19ECR{\x1d\xa1\xd8{\xba1\x83\x0f\x9d4\x1cV\x95\x9dR\xbe`\n(\xd5\xaa\xca?/\xec''\x8d0h\x8eud\xa2P,\xfc;Bl\x8a\x19q\xbcP} \x4\xb5Gzz}$

\xd5\xea\xec\x8c\xda\xa9\x90K\xf6\x04\xc0\xdc`\x96r1\x9e\xb5\x9f%!

 $\label{thm:linear_continuous_co$

 $\xef\xa5Y\xb0\xbfF\xa6\xaa\xa7\xc1\xc4d\x89\xf9\x9a\xea\x00)\xf6.>\xe9s\xc1 s\xc3\xc7\xae\xd4\n\x00\x93\x97C\xb9\xba\xd9\xbe,$

x8a+9x02x07xaex96]mxe2xcf#?

 $\x<4\x8f\xf6\xf0\xea\x07\x06\x934\x10\xccsM\xdb<\xb5\tX\xa1H$

@h&\xf5\xe8\xef\x02\xb1\x13\xef\x17\xdd\x12b>\xf7M7\x8c[\x1d\x97\xce@a7\x01\xd3\x80:\xeeZ\xda.\x8b\n\xa1\xae@|\x8f\xd9\xab\$

 $7\x3du\x3\x19\xf5\xa0\x8b+i$

\xf7\x93a\xa1\xd1\x86\x12\xef\xd6\xe8A\xfcB\x94CNn\xa9\$INi\r\xafR\xf8\xd2\x01\xc9\x12\x94\xe5\x04\xb2.\xd1\x01O\x89z+

 $\label{thm:linear} $$ \int_x1f(xe6)x1aO(xf9^D(xb1)x16)x83(x08<(xfe)xc4)x1b(xcex)xa9qWp(xf8RKCV@hJ(xbf(xf1)x04)xc24)x01R(xee)x0f(x02)x1crWl1)xcf(xfa)xe7(xd2)xf7;\\ 0A(x9f)x0b(xe0)xa37(x85)x1f(xd6)xcd(xb7)xa0(xd1X)x03(x8e)x14(x9e%3)xe2)xee[(xf8)xca)xd9(xf6)xc4)xcc(x04)xd7<(xd1g)xeb(xaa)x91(xf9)W0w(x80)xe8(x8f<(x0b)xc2)xc5b*(xa6)xce(xac)x81)xcc(xb0)x02(x16)xccO(xb2z)x04[<^(x0f)xd1)xc7"(xca[(xc6)xeaR(x9f)xdcN(x9a)xf0)xc8jj(xb5)(x14)x9di(x15)xa2(x1bj)t(xbe, xae#W=(xd30)x8at1)x14$

 $[Mu\xf8zo3\x01\xce\x92?$

A>\x88\xe4\x1e@\x9c\xd2\x17u\xe1\x08w\xb6\xf0~\xe8!

\x9fg\x805\xaa\xd8-\xbb>\xfa}\x89\x06\x83\x18-\x84A[\x1f\xfd\xc7\$\x08(\xc8\xab\xff|

 $\dX = \dX = \dX$

 $\xspace{2.07} $$ \xspace{2.07} $$ \xsp$

k\xe8CK\x05p\xa5\x04|\xc5\xd3\xf8=H:\xf6(\xaeP!

 $\dU\xa5e\xae\x83*^\x0ey\x88v$

 $\label{thm:linear} $$ \x = i\x 15\x 1e\x 8dG\xa9\xde\xd20\x91\xb9>\xd7\xd3)\xd2_\xf0\xb3\x17p, $$ \xea\x7f\xff{\xe8\xde\x92\x02\x12"j\xf5\xa7\x7f}$$$

 $x\x0/x93\x8a\x90\xc0x\xd7\x83\xe0(\x07H\xb0\xb5\xe2\xe2q\xc2\x0f\x1a\xf7\#6\x89t\x9f\xd5\xb1\x8a)\xf7\x97M\#z\xe6$

v\xd9\xe3\x07\xcd\xa6\x05nf\x80S>\xa10\xbc\xc6U\xd9\x18\xc6\xbf+<\xe8\x92 Z\x18\xfcc\xf3\xa1\x19\xf8\x810\xa1\xe7[s\xf5\x0c\xe5\'\x93{X\x89\xee\xa70\xa 69\xc6)\xaa\xea\xf9?_\x0f\xeb\xbd w\xd0z\xca\x15\x1c|

\x05\xae\x97yK\x92\x96\xf7\xf2p,\x98\xf0VY\xd4\x16\xcfa\xd1

\xa1\xd8\x83\xcc0M\xea\x98U\xf3\nfz\xe2&%

 $\x 8d\x 43\x 81\x 95Q6S\x 1d\x ebVWQ\x a5\x dbo\x c7\x a8L\x 12)\$

 $x0f\xcdn\xedZ\xe6H\xe6H\xe9u\xae\x18WL;$

 $\xspace{1.5} \xspace{1.5} \xs$

 $x872\\xe0\\xa0+\\x9bY\\x19;rHdW\\x12GXU\\x0bR\\xc9\\xxe0$

\xba\x03\x93\x0cn\x990o\x0b\xc3\xcd\xde\x8dHU\x82\xda+

\ta\x12pe\x12\xca\xbf\x96\x13\xc9#/

 $\x 04\x b8\x f6\x d0\x bb\x f1\wv\x e4\x bf\x 7f\x ff\bg\x d5\x a3Q\x d4\x f0\x 947\x ff\x 16\x d13\x f8\x e3\x ff\x 7f\x e4?$

 $a\xa4@\xe7\xf0\xf7\x8bl\xdf\xe7\xb3\xf5\x917\xc8\xaf\x1fP\xfc\x913l\x1f\xac@\x19\xc9\xbf)\xe4\xac\xf8\''\xe8\xa1\x8e\xb3\x9a\xf4\xeb\x0c_\xff}$

xff[1]x87x12x1bDxff[x11]r[xe0]x0e&xef[xfeb]xa0]xe0]xd45xff

\xb5[2\x94\x88\xe5\x8f\xacX8}\xf2*T\x8c\xde\xac\x9b\xd4\x1ef\x91\x89\x1de\x 07\xcd\xe1@\x10Z\xe2i\x0b\x92zV\xf3\x9c"h\xdbr\xc2\x12\xec\xe0\xd3P\x94\x7 f\xc6MY\xb5`\xc9:\xd1\x94\x99\xfd-\x12\x8fD<t\x81\x05\xb5\xff5\xd8\x01v? \x0c"\x11\xec[B\x90Z\xe6\x07\xa3\rO\x1amJ\x95Qr>\x82\xdd_U\xef\x04?

 $t #N0J5g\xccW\x85:\x85\x1b\xbd\#[\xc5\xe2\x0b\#\x8cP\x01\#\x12\xa7\xbf_\xb7\xcdd\x01^\xb8\xb7\ngue\x05\xa7\x90\xc2\xb0\x9b\x15$

 $2\x3\xf6\x31\x02c5\x80\x8a@w\xaci\xa6\xe1\xb2\x88w\xa4\xc1\xa7\xcd\xe7\xab\xe2\x8c\x80\xe7\x80\xd05\x89=\xd1[c\x163z\xd8Rv\xd5\xdb\r\x12\x9d2\xff% Y\x0689d\xac@\xc27\xb9+$

 $\x 1\x 57z\x 6\x 14\x 82W\x 15aO\x 52q\x 60\x 8c\x dd\x a5\x bc\x 14\x ed 1\n\x 7f\x f 4 l\x ed 1\x ed 1\$

 $\xc3\x04\x02\/\xcd\xfe\x90\x15\xfe\x14\xfbB\xc57\x95\x18\xc1\x1b\xc1\x96\xa6\xb2N\x8aZ\x0c;\x95\x15\%\x08H\xc1d\x84\xc4$

e\xf1\xf9&\xed\xbaLlhXdR\xf2\x8d(\xf4\xa9\xde\xe4!\xe6.L\xa2\xcd6\

 $Z\xb6\xb5\xd0~\xbeoI\x83\xb2\x92\x16\xcfb\xd1\x05\xde_h\x88\x19\xf2\xe9\xa8\xf3\x1d\x96\xf4\xe2\xb2\xe7\xe5\xb7\x9b\xb9\xb9\x13\x83\x90\p\xd5\xc0\k$:

 $1 kjN x8b xa1q xd5P x91 = x17 x9e xa5n xef x19 xcd xf1 xe5 (x8b x02 x0f9) yX xae x05 x9fTT xc0 x12 x9eM xa5 xf0H xf7CT x1c_xb7 xf4 xa3`B xdb, |$

 $\x 88\x 9d\x b 7 3\x 0 4\x c d\x f 9\x e c \x 8 1\x 1 2\x e c [\x 9 9\x b e''\x 1 e > \x f 3\x c c\x f 3\x f 4\x 9 1\x 8 f\n]\x 9 7\x f 5\x a 8 k\x b 1 A\x a b\x e f\x f d\x c d +$

 $\xf2\x82\x1f\x19\x05\xc571\xa1W4\xe6\xa4\xe2\xda9\x9a\x82\x95U3\xa1\xf6\xd8\x92Z\xe6\xf1D+$

\x8a\x9d\xe5\x99\x11\xa4\x80^(4\'\x03\xe9Y\xd1\x92\xd2e\x8e!

\xbe\xf8\x06#-?\xe1\\

\xc6\x13Q\xda\xf9\x96\xda\x85I&\x07\xcc\xfa%Vh\x94\x1dsA4\xe2)\x9c\xd5q\x 93\xe94;!

 $\label{thm:linear} $$ \left(\frac{x}{1}x6E(xba)x94(x99)xa7(x11)x83u(x10p)xab(xac)xc5ss(xf4)x07APB(x8c)xcd(xde)xd4(xbc^(xce)xa3;<(xeap5)xc9)xdak(x0e)xfb(xffM(xc82)x01)xce(xce)xe3+of9 d(x03)x1f+(xee)x7f(x035)xfc(x10)xa4(xfeF$)xd1(L)xaf#(xbe)xbcjf(xb9)xebs) (xef)x95Gz(x19)x15c(x01)x81(xb7)x1a(xc5)xc3(x14)xc18(x15)?$

 $b\xc9:c\xf0\xb2K\x03\xaf\x81$

 $e\xedX\xafnR\xb9W\xd8}\x02\xfd\x16C\t\x8fH\&v9S\xcdO\x8b\xeaU\x184y\xb4\xfc!\xe0\xcfL\x00\xd6\x1a\xccU1\xb6\xe4\n\x8b\xdf\%$

x8exf3Ux9dxe9[xd1x7fxcfxa2rmf3xd0x84xc60x97xc8]

 $\j\xd0\xec\xd7a\x1br\xec\x0e\$

\x85\xfe\x07,\xd7\x17i~z\x1f\xe4\xd4\xef\x17\x11\xce\x08+\x84%

x95x8cx95~xad]xc8xf4x9c

 $\x84\xbb\xbe=1\xddUDQa\xd9\xc1\xb0\x0f\xc4\xaf\xac1\xa7\x10\x1cR\x87\%\&_UA\xb5\x9d\xe0\xa0\xf1\xf6:\x07\xc7X\x81\x95\x8a\xc7\xc6\x85\xfa\x8cz\xb8\#c.$

```
x1a\xda\x16\xae\xb97\xbf0 $/
```

 $\x00\xf0W\x04\xf5\x1d\xc3a\xb6K\xc72\x93\x81\x1c\xfd8\x03\x11\xf2\x17\xec\xf4\x07\x90Q2\xd0\x8f\xb9\x02\x7f_]$

xb6x91xa5IK.fxaaxbchxa2=Gx12x96Jxc4;

 $\frac{1}{x^2} S\xce_{n\times 2}\xce_{n\times 2}\xce_{n\times$

\xe8\xc8\xc8\xc8\x89\x0e\xa3\x9a\xa0\xb6O\x04s\xdc\x99\

 $\xd5\x97\r\x02\xd6\x9f\xf8\x1e\xc4\x12d\x07Y(k\xd53\x97j8c\xa5W\xa6\xdb;$

\xdb:\xdc\x83\'\xe0m\xb30.\

 $\xspace{1.5} \xspace{1.5} \xs$

 $\xc\xe1(\xad\x05\x80A;$

7+xb4x7fxf7xd7x01Qxd8:(x90x97)

 $\xc52\x08\xf8H\x85\xce\xa8\xb9\xfa\xbdS$

 $\x 9fC\xc8\xd6\xe3\xfd\x7f\xe3\x0b\xe4\xb9\xa4\xbcE\x81\x0e:\xb7b\x13\x06"z+\xc6\x83\x90_\xe1\xbcU\x99\xae\x93\x7f+\xea-$

 $9\x1e<\xbf5\xdeg\xa5\x96\qB\x7fK+$

\xb9=\x86\xd2\xdd\xa6\xe6\xa0\xc6\x12\xae\xdb\x18\xbc\x1f\x91\x17V

 $8\xc0\xae\x99T\xf0\xc5\xc3\xc5\xa2pPfh\xcb\x9b\xf34i\xe02\x92z\xa1\x93\xa6\xbe\xc8\xd76\xdc\xa5\x19,C\xfa+$

 $\colored{xc7} \colored{xc7} \colored{xc7}$

 $\xda\x19\x84\x96\xb8\xb6\x9a$.

 $\xb7\xe2\x9fP\xe83\xed\xb1\r\%H\x9b7\x81\x99\xcd;d:$

x1fx89xd39fMxf9xc3U4x99Px8dx0exc4x1cYxbf

 $\xe8B\xcf\xe5\x1f\xff\x12\x7f\x8bp\xeb\r\x06\x0eFzu''\xff!$

\x9c:L\x0c\x8b\xe6\x17\xd0{\x8a\xd8\x88/o\x8ehnO+

 $\xc8\xea\xcf\x1eD3\xb4\xo1\xf2\lh9\x86\xffl\xacM\xc1^\xf02\xba1?!$

\xe3t`\xda*\xd3\xe3\x86\x99*O|

 $\label{lem:condition} O\x16\xd1\xe1_\xe8Dy\xe1\xdcz\xc6\x12\xdf\x8f\xc0Kj\x1d\xd7\xf7\xd1;\x84\xa0\c^\x8f\xe6\x87z\xb9\x8c\x1f\xc4\x1do\x92\xa3c8\'45\xb4B\xb4\x1d\xea\xfb\x0\4\xa5\xe6\xc1B\xfe0\xa1_\xa9\ya~\x8f\xf8\xd6\xcc2\x9c\%$

 $x81xc9[x17^x8cx97hx1bWxc2x14xccxeb#xde]$

 $\xd7\xf2>\xf6\xc3\xf1\xcaR.,B\xafk\xf1{\xa1}=\xe0\x12\x8e8\xb9\nB\xf6\xbb\x82\xba\xc1;\%$

 $f\xa8''\xdakp\xa8\xb8I\xb0\xd4\x82\xe2\xc0(\t\xd7\xe7]\xd3K\xf3wy\xbf\x95\xf1\xd8[\x0f=>\xbb\x10\xef\xd1\xbcQJN\xa1SU\}$

 $x0eN\xb6\x91\xcc\xe4\xace\xd2\xc1\xe9r\x02\xc7h$

 $\xd2.\xd1\xd6\x85\xa1\xafffl\x1c\xa4\xf6\x12H-l$

 $\xb2\x81\x91\xbdv\xec\xc2\xcb\x895\x7f\xf5\xaew\x8d\x0ew5bv\xc9])$

\xa5\xfe\xb4c^\xb2\xb1\x1d\xd52\'\xc2[\x92\x11\xa6\x03h\x9e\xaf\xf4^\xe3

 $]\x03\m/\n\x95\x13\x0e\x9d\xe0Dul>g\x94\xdd(\xd9)$

 $\xbc\x97\x86\x05\xbc\&6\x89q=\xc97\xb5\xc9\x81\xb7\xd7\xf2\xf9\xd5,J\x1c\xf5P\xde\xcb\xdaG\(\xba\x85\x9e\xb4F\r$\xb8\xb3\%$

 $\label{lem:class} $C(xce0)\times f_2(xbe)C(xd9)\times 17v(xda)\times 1d+AD(x90)\times f_1(x86)\times 9b(xa9)\times 6(xb0)\times 0b\\ u(xab)\times f_0(xe8D)\times 85(x83Qc)\times 18@n(xc8)\times 10xe7\\ C(x854)\times 93(xa2)\times 93(xa2)\times 93(xa2)\times 10xe5\\ C(x854)\times 970(xa2)\times 93(xa2)\times 9$

 $\n\x02\x8fte\xc8\xf4c\xdf\x88\xcd8\xe8\x13\xe6$

 $\x87\x84<\xea\x9f\xfa\x9eZ\xb7\xb2\x93\x912\xb9Q\x11/$

 $<\x8b\x0bc\xe3\xc7\r\r\x86"(\xd6\x1e\xb6i\x15{\xcek\x87\x1b\xd2\xbe\x86\x06\xx16\x9d\xc1}$

 $\&"p=J\xd6k\xb8\x80\&a\h\xe6\xad0e\x7f\xf6\xdb/$

 $G\x7fT\xe4\x8f\xf9\xd9\#\x03h\x8a''\xe8b\xe0\x11\x19\n\x0e\xbavuR\xd31q\x82\x0c\xbf1\xff_J\x03\x8d\x8b\xa3\xc1\x01\xa5\x8b\x00\r\xf7N\xf6T\xc3TC58\xf0\xe2\xd3\xa5\x11\xb7\x86L\xaf\FqK\xc5,\%\xf7\xef,$

\xb9\x83\x03\xe0IT\x8d\xc5b\t\xd0\xdfC?\x9d\x10[\xf2\x86\x9a\$

 $n\x91\xb0\r\x04)\xffx\x05\xcf*8\n@ :\x08\xfdN/$

 $\x = \frac{x9}{x00} \times \frac{x}{x00} \times \frac{x}{x00}$

L\xcb9\xb00\xe0/\x16\xd4\'KV>.^7\xd9\xce6\xc2gi\'\x99\xbd\x1b\x9b9v\xc8\xd

```
e\xc7\xcd\xbd\x9b\xb1Gf\xb1\
```

\xb6\x7fYGj\x040\x88\xfb\xcb\xaal\x9a\xfb\xc8\'\xd5\xf8\x85\x81\x19\xeav\x93\\x94\x1dtd\x12\\\xd4\x0ek\x9fP\xf4\xa3f\xbeR\xdc\x08\x91\xa3b\x88\x1dw#}

 $\xea\xcbE\xa1\xb7X\xf0\xdb\xce\xb4\xd71I\xf7\x0c-$

 $\xe3\xd3\xd3,\xf0\xb8\xfa\x93\xfa\xaf$

 $\x10\xe9\xe2\xdc\xb9\xc4m\xd2\xcd]^\x1a\xd5?Y\xca:$

u\xde<\x06f\xecm\$

\x0b\xd3=X\xb8t\x82\x14\xc0"\x1dg\x8e,qo7I\xe8\xf7\xe8\x9a\xe6%

\xc4\xbdB@\xd1J\x92\x17\xd4&\xaa77u\xe2j

 $H\x1e\xcc\xb7\xe5\xaf\xf1\xf8\x04\x85\x08\x8e\xc8\x932\xf1\xe1\x17Z$.

 $xe97_ax97:\\xe4\\xf9\\xee;#q1aW\\xad\\x8b\\x0cU+$

 $\r\x81\xee\x11\xc1\xf2[\xec!!V]\xb1\x96z\x9c\xed\xdb\xcc\xbb]$

 $\x01\x1a\xa5\xb9\xda\xc7h}\xf9\x9dW5T\x80\xa3\xb7\xe0o],WS\xd7.8\$

 $\xb9\xc3\x9c\xd9\xca\xf0KU7^\x1e\x02\x14\x04\xd8S\xe6t\x97\xd3\xa6\x95{\xcb}\xb2\x12\&\xaf\xe7\xdf\xff\xf2+\n\x87!$

 $\label{thm:condition} $$ [\xab\x19p\xcff_\x97\x1a\xda\xcd\x02:\xd9\xd73\xb1\x1a\x94\xa8\x1dD\x96\xecs \xad\x7f\x86G\xba=\x07\xa5AmKWP\x96\xd8Q\x10\xcc\xcf\xcd6C\x82\xfe\x96\xb2\xceMG\x18\x08\xf9\xc4v\xcdr\x10\xed\xb2\xd5\x99\x9f\xcb@\xea\xfdI\xc2\xf5t\xb2\x11\xa00\x16\xf7\x92\x90v\xd3>t\xd0b\x10f)$

 $\label{thm:linear_continuous_co$

 $\x1c\ry6\xff\x05T\x84N\x89\xd6\xd1\xff\x1e\xd4$

 $\xb1\xcb\x88\&\xfa?$

 $q(xc5)xf6t)xfe(xf2)xfa(x11)x84)xd0(x1eP)xe9)xea(xbcx)x9b)xe6(xd4)xc8eO(xbc)xee(xa7)x1bo_(x8d),$

 $\xd3\xb4Q\xf5\x84\xc5V\x98\xce(Ta)$

 $\xe7\xe7\xe7\xe0\xe3\xe3\xe3\xe3\xe3\xe3\xe9\xe6\xec!$

 $\x07\xbe\xfa\'p\x910\x00\arrangle TR\xf4\xd8o=!$

 $\xfc\xd2\x85\xb8\xd3W\x8f\xf3\xf7z\x86I$!

 $\label{thm:linear} $$ \frac{x_1d;J\\x0e^O\\x9a\\xf3D\\xa1\\xbe\\xf2\\xd3J\\x19\\xdc\\x95\\x9a\\xa7\\xf5M^*\\x89\\x1c\\x86\\x1c\\x89\\xa1xz\\x89\\xaeut\\xf9\\xf7IK\\x1e\\x1d?\\x14cS>5\%+CON\\xea\\x92X\\xbbE\\x8eV\\xec\\xbc\\x16t?$

 $\label{thm:covxd3} $$ \x67\x00\xd0\xe5\xd7\#\n\x00v\xd3\xe3oWg\x12\x8f\x08\x87\xe9\x19\x8e1\xe54\xfey\xf5\x9f\xbd(v\xae\x03\xdcM\xa8\x14J\xe1\x8b\x18V\x97\xd2,>0)'\xd7 *\xbb\x89\x10\x85\xed\xb9T\x83\xcdS\xe8\x89\xa2i^\x16\x01\xf2\xd1(\x0c\xb6j\x9bUM\xd6\x0fHo\xfb\xcf\xf1\xeb\xc1\xf6\x98\x86\x8fd\&\xd9\z]\xef-$

 $\c 9\x 97\x c 1 d\x 18\x d 1 y\x 17\x e 4 9\x 8 c\x e 7\x d 5 -$

 $x1e\\xe7\\xaf\\x93\\x1b\\xae\\x0e\\x87T$

 $\label{thm:linear_control_co$

 $\label{thm:linear_continuous_co$

g(x04)x97J(xcb)tfL(xc6)xd7(xb5)xa7(xfe)x12(xd7)x13(x00)xe7(x17B)

 $x9a\xfb\xd6\xaab\x9d[\x19<.g9\xf2?$

\x8dKx\xc0\xf9h\xfe\x801.e9:\xa9Er<M\x1d^\x9eK\xa5\xe9<\xd4\$

 $\xbb\xa6i\xc1\xb6\x17=\xbbw9\xf4\xaf\xf7\xeer\r\x9f/$

 $\label{thm:linear_continuous_co$

 $\x18\xf5\XGI\x0ci\x08\x10\xf0\xcc\x9c\xd1L\xe4\xaf$

 $\x03w\x09\x9a\x96MH\xc9\xb6\xd3\xfdL/$

 $\xy 99\x85\xd3\xabG^J\xa6S6\xe9So\t\xbd\xaef\xedI\xe0\x04B(\xx99\x9e?$

j(x0co)xbbp(x17)xd2(xa72)x8f(xce)(x8a)x07(xd0)xf9(xb2)xbe

\x1c\xb1\xd0|\xb5\x08\x0b\xc4]\xd81\x13\x1d\xf7\xa4\xb3E\xf9\xed\x8f\xcb\xc1\

 $p\cdC\xf7\xead\x7f\x81\xe9\x8a\x15h\x9c\t4\xa1\xc5tu\x06\xb7\x0c\x06\xe4\x$

8b\'\xeb\x86\x88\x06\x12>\x06\xf7\xb7r\x88x2\x1e\xa4F\xd0\'\xb0D\xfe\xd1h\x f5\xe70\x8b\xa9#\x92P\x92\xe83\xa3\x17\xc3b\xb4\x8f\\

 ${\xe4\x9d\xae4)\x1cV\xf9f\x0c\xf2R<\x05\x10\xd3\x1a\x7f\xa4\x87\%?}$

 $\label{thm:comparison} $$ \left(xfe\right)x8f\left(xffN\right)x96\left(xab\right)x15\left(xe4\right)x69g\left(xa7\right)x60g\left(xa7\right)x60g\left(xa7\right)x60g\left(xa7\right)x60g\left(xa7\right)x60g\left(xa7\right)x60g\left(xa7\right)x60g\left(xa7\right)x60g\left(xa7\right)x60g\left(xa7\right)x60g\left(xa7\right)x60g\left(xa7\right)x60g\left(xa9\right)x7f\left(xa9\right)x61g\left(xa9\right)x$

\x13\xbb\xa5\xc2\xd9\x13\tCZ\xa4\xa8\x958\x84\xd6\x8e\x92\xf5\xc4I\xc8AjqA\\xe7\xf74i\x88\xc8MWM\x06%i\'\xff-\xba}\x14I;x\x04\x04\xf6\x07\x8d.

 $\xd7\x8f\x19\x01\xf3\x12\xa4G\xb3\x11\x8f_W\r\x85\x82\x00\x8ew\xc2\xd1,\x00\x05n\x95\x8e\x16\xb5?$

 $N(xea) \times 91 \times 7 \times 61 \times 10^{1} \times 10^{$

 $s\xef\x86\xfd\xa0s\x88\xa48\x03F\xf7\xb6E\x0e\xfb\xe1\x8frnu\x9c:s\xadj\x89\xe2\x0c\xb97\xe4\xc3HE\x80\x827|[\xb4\xb7\xf14\#r\xa2p\x1aai\xb5\x8c\x95\} \\ 0\xx9e\x1f\#T=\xbd,|\xd2?$

x9a'Qxe1xe1KxbeNx13.nxe8x18y

9\x8d\x15\xb2\xdb\x05\xa0"..D\xc8\xee37\xa7\x02|

\x19\xf8\x0e\xc7\x12%

```
f\xd1\x7fJtE\xd7
```

\x9ex\xce\x06\x9f;s\'\x93\x9e\xc8f\xbb\xb1\x13-

 $\x11\xe4M\xaa\x01\x960k\xbdEQ\x9d!$

 $\xf9k\xf3\xc3K\x07\x0e\xd5\x87\x1d\xdaW\xc9H\x9b\xef\xd4;/\xcd\xca\xc4)\xf3\x14F\x1a\xe6\x81|\xe0\x1a?$

 $\label{thm:linear_continuous_co$

 $b\x0c\xd0\xa5jE9\xf8\xad\{i\xf1s=(\xbb\xac\x14\xec\xc6\x8c\xa6:WPi\x94-''\x84An6b\xe3\xf6\x0c.\x89B\xfc[h\xee\'y\x0c\x14\x7f\xf9\)$

 $\xb9\x0bp\#\x1c\x0b\'\xf3+\xdc\x1a\xfaB\xbb\x90\x92F\xcdrW\xdf;$

 $\x8fF\x8a\x84 \C\xf20n\xc7)\xee\xf2\xb41\xcf\x12e\xbf\xab@p\xbc\x03\xb2\xab\x8100\xbb]\x1c\xd6\x9f\xdaT\xce\xog$

\x8b\x8e\x8c\xa1JW\xe50\x08\xfd\x01\x83f\x9d+@a\xb9\x17\xdc!

g\x9b\xb0\xd1H\$,\x00x3\x98\xd3C|

 $\xb3nm\x1fs*={\xea\x0bd\x12J\xa7P\x1b9Ra\x1b .\xcd\t\xdf{a}\x1bPp]\x1a\'\x95\x98;\xd6q\xa96\x99G\x13^W.]$

 $\c S\xeb\xe6\xb6\x12\x1c\xed\xa3p\xe37\x14\xc5\xd0\xf1\xac\xaf\xfe\xb4\xd3 M\x89\#\x95\xee\&<[\x02\xa7\x00\x0c*&\x06\r\xee\xac\xf9H;8\xe1\x96-$

\x14ah3%\x85\xe3[g\xd9\xa4\x88\xba{Z\xf4\xad\xdcBEz:.

 $z\xbe\xbf\xcf\x12\xe15\xdc\xa1\xf7\xd0\xc3.\xe6$

 $I\x7f\x61x9f\x62\xe62\xe6x11\x81\xff\x7f\xffd\xad\xd2\xfb\xf9<\xe4)$

 $[9V\xd1XD\t\xb2f\xb6-$

 $\cdot \#0dS\xda\x8e\x1b\xef\xd7\x1b\xb6H\x8f\xed\xc3\x81\xd6$

\x8b\xef\xf35\xffX\x01\x91\xad\x12\xf4\x7fVj\x88\xde\xc0\xa5

\x18\x11D\$

```
\x8fZ\xe43\xe82,\x0f\xca\xd5\xfe\x11^\xa8\xc8F\x91\x99M\x07}\x8b\x13\x85\x9
6\x1f(\xf5\xda5S\xab\xcc-
\xc8\xf4s=\xc6.\x11\x07\xdc>\x19\xd22\x92\xfb\x95\xeb\xba\xb8\x9f\xff\xac\x0
0\x00\x00\x19\x06F\x00\x18\x01\x00\x00\x03\x89\x00\x00\n\x89\x00\x00\x04
G(xb0)x9fD(xc1)x94(x1bz)x13(x0f(xe0)xfb(x01{(xe0)xd5k>(xcd)x8bT})
$QNT\xc1\xdc\xb3\x92\xfd\xa1\x88\xb5\xfe\xbc\xef="\x903A\xf4\x17\x98\xe4\x
a7\xc53\x82do\x14Q\xacO\xa5\x1c7G\xe9\xdao\x8c0*^\xb5D\x15\xca\xf5\xfd>
x1f\xa7\x16\\x8a\x13\x06\xfe\x9d\xcc\xbc\xc5\x83\x9e\xa0\xad\xba)\xa9`:
[\xd2\x8f\x10\xed\xa9\xe6,\xf3\xfeQ\xdc\xdc\xb8\xc0\xf4\xe7\#+
ee\x1d\xc5(\xa73\xcb\x9e\xc0*\xec(\x8ej_\xac\x93\xeb`\xb7\xe6B\x9a\x19\x01\x
15\xaa\x1e\x8a\x0e\x87~\xbc(Yg\xde\xf8u2\xa2\x1f\x88\x0c\x1e\xaa^\x9f\x07\'\
x1e\xfcRY\xd767I\x8e\xd0I\xf2v\xc2\xbc\x0ee\xf7+:
\xd0\xafK\x1d\xe3,\x9c\xf4\n\xc4\x92\x9a\xbbz\xc8\xac8\x1b\xdf\xfd\xd0~H\xc9
>E\x86\xf8_\xd5\x880\x05\x80ej\xee\xbf\xcf\x19/\x94\x01{\xb2\xd3\xe4\x97\xc
d\r\x07\x81\x85\xfa8\x87.\xa4\xc7\xdb\xf8\xe5\xaa\x89;w\xeaY\xc2-
x13\x19A\x9fh\xc7>\xb6\xcb\rz\xf7b?z\xd6`A\x1b\x0b\x8b?=\xd9\%
\xc\x11f\xeb\xc0\x1c\xe1\xd3\xa2\x1c\xe4\xa7\x83\xb7\xe1\x04^1
\x98\x1a\x88\xb9\xf9\xe5\xac\x822\xaa\xffD\xc0g\xe2-\xf7\xd0!
r\xa9*\x83\xeb\x8dTl\x93`/1!
d\xd2<\xf8\x0c\x1c\xf50\xdbZ\xd9\x15\xebT\x04\x8c\xff\[z\x1ek\x91\xee\xc2\x0]
6~\xa6&;y0a\xf6\xd9\xae\xa4\xaf@\x82\xfd\xce\x96W\xe1!m\x9a
a\x06\x87Q\xbf.\x0c\x8f\xf5?x\x08=\xd0\xaa\x05\xbb\xd3\xb1-+
x87\xf7\xa3\xc1oZ\x98\mc\xc7\x7f,?
\x) 1\x01\x00\x02(\x07\x90\xca\xab\x01\xfdv-\x1d\x87\x85\x86\xd0U\x1d\xddQK:
\x84\x06\xc2\x8e\xde\x80J\x98W\xa9+\x80\xcd
\x9f\x02\x88\xc2M\xa5\n\xe7\xf9\x9e\x89\xd9K\x8a\xe4IF\xc6\xb5\x8d\x8d\xa1
3\xab\x04Zt\x19\xc0\x94\xc7\xbdG\xbb\x9e\x7f\xd7\x88g\xd9\xaa\xc0\xa9\xb9
\t\xbe\x8b\x04\xb6&{\xc4\x0c\xa3\xdf\x00\xce\xdbJ\xe3\xaal\xc9\xb7\x81\xfa\x
dd\xbbY\xa4\x97t\xcci\x16\x8f\xbdt\x08\xd7\xa8i\xc9=\xc3\x04S\xf0\xdd\nXu\x
81mq.\x148\x131\x19G0{o\xbeC#\xfcr\xbb\x0b\x9bmv\xe6e,Ov)
x06xc3&\xe1\xc3O\xd0\t\xae\xa6\xdbg|}\\x16^\n\x1cKaH+)
\xac\xd1\x05\xc8"\xbe\xcf\xffm\xc9\xc4\xa6\xcdeu\x9b\xe6G\xb8\xeb\xfd\xe3}\\
\x8e\xd5h8\x11\xb4\xe7:\xe6\x16\xca[Y\x1aS6\x00\x93\x95B:R\x19;\xae\xd4g\x
d1\xc0\xed\xff\x14\xc9\x8bZ6\x8f\xd67\xa9FEis\xe2\xf7z\x81.\xe1\xf1C\xad\xd0.
\xde\xd8\x0e-\xc3/\xf9\xf1$x\x96\xef\xafgz\xb7)\xcb\xe4S*\xa2u\xa2+
\xe6\x06\x10\xc5:t\x08\xb8\xdf\xd8\xecF\xf3*\xb0!%
\dot = \frac{1}{x} \frac{1}{
\xca\'!Rj\xb1;\x8c ,FRU\xed\x90\xc1m\x8c\xfcd\xfe/
\x89\xe47\x12\xb9o\xdd^\xcd\xcdf\x8e\xa2\x8cE\xb1\xfd\x058\x9e6w\xfb\x08F
```

```
92\x7f\xe5\xa5fwG3-\x95\xac)
```

 $\xbd\x18k\x8fq{\xd0\x83\xe2\xfd\xe0\x0b\xb1\xb2\xfff\x91@\xe5!}$

 $\colored \colored \$

 $\c^{\x8c}$ \x6\xa8\xb2\xac\xed\xbbN\xba\xda\xa4\x0b\x9c\x95\xd6\xfd\x18; \l\xf5\xc0\xbd\$0\xAH#\xe8\xc0xC\x98\x9dV\\x18\xdf\xe80\\xca\x9a,

\xea\x19\xbb\xb7B\x06f\xf6nZ*56\x9d\xff(\xc10^\x1c\xd8\xd7\x1b\xe0\xc2\x1d\x f0l\xfdjo\xe3\xde;\xce\xe2\x88Hh\t\xe4\x18RO\x18cSK\xa3E\x0f\x18\x16\xdc\$? MMP\xd4\x9fH5O\n39\x9c\xc3N\xd5\xb2\x92\xe0\x92\xbb\xcd\xe5/O\xbd; \xf6\xc5\xaa\xb8\xc17\xe25\x98\xbe[d\xaf\nrml{\xa2\x18\xc7O\xbe\x10w\x19\xf

\xcc\xc8\x16\x96\xb8o\xf5\x9a\x11\xe5\x00R3\xd8\xb9br\xc7\xdf\x13\xf4S\xa3\x00\x98\xd7u\x82\xac\x07\xae:

\x89\xed\x1c\x8f\xe7\x85"^\xe2\xb8\x7f\xff\xac\nendstream\rendobj\r19 0 obj\r<</BitsPerComponent 1/DecodeParms<</JBIG2Globals 8 0 R>>/Filter/ JBIG2Decode/Height 163/ImageMask true/Length 538/Subtype/Image/Type/ XObject/Width

 $\x14\xb6\x96Q\xf6\xcf\xe8Fi\x17\xde\o\xf1_\xf6\x9a!$

\x05\xffF\x89fz\x8c,S\xde\x95\xbd\xf8/&e\x14\x9d\x82\xf4a\'%

\x07a\xaa\x10\xe4\xcc\x84\x101V\xd4;\xb0\xd0\x02[\xde\xea\x1bb]

 $\xcf\xdf\x94*\xdf\x8e\x8a\xd4W\xc7\xaf\xdb;\x9bD\xf9\x13\xc1+$

\xb9\x90w7dj\xba\x98\x11\x06\xccR%X\xd9\xdb,

\xa3sP\x1c\x1e8nly\xc2\xe68\xb1\xd2M\xe6\xd3a\x15\x07\x0e2\x14\xa6\xc1l\x9

```
6\x11\xe5\xa8\xf1g
```

 $7W\xf4\x93\xc7\x8f\xfc2\xfb0\x1d\xa7>c\xc3C&\nV\xb1\xbco}]$

f5\xe12e\xd8\xf6\xb8\xda\x86i\xff\xac\nendstream\rendobj\r20 0 obj\r<</

BitsPerComponent 1/DecodeParms<</JBIG2Globals 8 0 R>>/Filter/

JBIG2Decode/Height 34/ImageMask true/Length 364/Subtype/Image/Type/XObject/Width 257>>\rstream\n\x00\x00!

\xf4d\x9d\x18\xa7\xc3\x99\xba\x13\xc8\xa9\xfc\x04I\x8b\xd1",]

 $\xspace{1mm} \xspace{1mm} \xs$

 $\xef\r\xa4\x92\xc2\xa8\xf3\xdc\xb0\x17\xf5\xc1\xfd$

xe8x95x12xd2x88xf0xb5x9e

 $m\xdfy\xb3\x1e\xa3z\x84q\xe4\x8fL\x14\sim\xed\xda\x0cj\xb7k\x17+$

 $\xspace{2.5cm} $$ \xspace{2.5cm} $$ \xspace{2.$

 $\label{thm:c1} $$ \x60\n\x18\x7fw\xa5\xf3W\xebm\xb2\xf1\xcd\xaf\xefn\xae_\xfd\xeb\xf5\xf5\xcek\x88\VC\x10\xcd} $$$

 $\xfa\x03\x82\x9f\xact\xfa\x00A\xb5N\xf1G)tk\xd9\xb7F\xdbV\xf8\xca\xa2\xffy\xf3\x93\xac\xad\xab\x02\xc8\xd3\xbaRNw\xd3\xaf\xab\[\x15?I)$

 $[m\xe3\x97\xfe\xe4\xc1\xec\xba\xaa\xba\xae\xb7\xba\xdf\xc8;\x9a.\x1bL\xeb\xe2Z\xca8],$

\xf9"[\xa9\xea\xcb\xea\xfa\xb2\nN\xcbj\x93\xedM\x97\xf5\xadOK9\xd1B\x8a\x8 0\x0f9\x04\xb3\xabBuU\xe7\xfbU\x15\xd4s\xeb\xf3R\xda\xab\x9cOZu)

 $\xc4\xa6_\xf5\xe2\xf5\xed\x85nn\xf7\x17\xdf\xfc$

 $0\xbf\xec\xae\xed\xf5\&\xb2\xadl\x94\xc0\t\x04\x04\$

 $d\#\x9b\xdbO\x17\x12\xed4W\xa2\x95\xb4H\x13Z\x8f\xd9\xd3\xf8\x97\xa1T7\xb7\xdb\xe6\xab\x9b\xcd\xf9\xf0\xab\xfe\xc7\xdb\xaf\x9b\xdb\xff^H\x82^\x11 6\xe3\x95\xf1\xadF\xbco\r\xe3\xd1\x7f\t\xf6N)\x17\x1f\xa8- \$

 $\x08g\xc6k\xfbri\x03\x96w\#\xd2\xa6\xbf\xcd\xbb.\n\xc4J*-$

```
yQQ\xda \xe7\xe2\xdf\x9b\xdd\xea1be,\xdda\xa5y\xf2\x02r6\xde\xee\x9f~?
```

 $\xspace < 1.00 \xspace < 1.00 \xsp$

 $(x7f\xd1\xb6\xca\xfc\xea\xc1T\x12\x18\x88$

 $x08[&pZ\xc2\xb1\x8b\xb4J\x81\xbb\xde$

 $\xe1,\xe9\x8bd\xd3\x8eH^F\x93C\x92\xcf\&c\xce\xfe\x82)\xe8\xbe$

 $\.W\x83\x08\xc9\xec?\xbb$

 $4 R t x 8 d x a c x e 5 x 0 7 {xad x f 4 x a b x c 4 x 1 3 x b 4 c p l x e d x 1 f x b 0 x f 0 w x e b M. ~x 1 x b 4 c p l x e d x 1 f x b 0 x f 0 w x e b M. ~x 1 x b 4 c p l x e d x 1 f x b 0 x f 0 w x e b M. ~x 1 x b 4 c p l x e d x 1 f x b 0 x f 0 w x e b M. ~x 1 x b 4 c p l x e d x 1 f x b 0 x f 0 w x e b M. ~x 1 x b 4 c p l x e d x 1 f x b 0 x f 0 w x e b M. ~x 1 x b 4 c p l x e d x 1 f x b 0 x f 0 w x e b M. ~x 1 x b 4 c p l x e d x 1 f x b 0 x f 0 w x e b M. ~x 1 x b 4 c p l x e d x b 1 x b 0 x e d x b 1 x b 0 x e d x b 1 x b 0 x b 1 x b 0 x b 1 x b 0 x b 1 x b 0 x b 1 x b 0 x b 1 x b 0 x b 1 x b 0 x b 1 x b 0 x b 1 x b 0 x b 1 x b 0 x b 1 x b 0 x b 1 x b 0 x b$

 $1;k\x18H\x87\x1b\%\x07\xff\xbcYwK\xf5\x10\xee3w\xe2\x07iS)$

 $\xb9RW\xa9It\x08\xc9\xb4\xbc<\xc9V\xc1\x87\xc0\xb2EH9\x91\xcb\x7f$ \x99\xc0\xd0\xd8$$

 $\x06\xd4eU\x89C\xdxf6)\xed\xcbj(\x06\xc8\xa4\x8632\xc7\xfb\x97\x97F-$

 $\x14\x1d\x1d.m\x82\xbey\xdan7\x87\xc3\xe6i70\x86T\xfb\x92\xf1qg?$

\$\xbcN\xb2\xb0 \\xdcJ\x84\xf4g\x05\x8c\xf8\x12\x9b\'\x11

05\x00Sf!u\xda\x92\x82\xd1\xceHc\x08\xadg\x14\xcc\x8fC\x06I\\

 $\xe1p\x930\x1d\xbd\x82\x15\xcah=\x9f!M>GL\x15\x86L\xb0$

 $4\x0cI\x1b\x864\xe1\xa64\x81\xfbT:=\xf0\xcbo\xdd\u|$

 $\label{thm:linear_continuous_co$

d8\xafG.\x8b\r\xb6\x91\x94\xb9\x88\xebbc\xc3\xc8f?

 $Q\x94\x9d\xecy\xf3\x1cC\x02~\xd7=\xae~\xc7.\xba\xac9\xcbg\x0c-$

 $\xc4Dnjjf(\x1a\xf4@"\xe1\xe3ju\xcc\xf3\xca|\x88\xd1q!$

 $x93\xe3L\xc2\xae\xd6T\x94K-\xfai\xa4/ =\xe76=$

 $x93\x14\xac\xf7\xddq\xb5\xff2\x12\x92\x13\xad$

5z\x81]\x0c\xbbls\$@@m\xcc#\x1e \xddu\x8310\r;

 $\label{eq:label} $$ x9a[\xd4;&\xd1\x8b\x86\x9a\x97\x17\x12!;F\x8e\x07\xbd\xdeO\xbe\xd8H\x\\ 9a\xcf[\x05\vQ\xb5\x14\xef)$

\x9cU-3B~[\xa5@I\xab\xc4R\x88\xaa\xa5LE\x84\xb8,\x94siO\x03\x11*\x0f\x0e\xd8\x91\x92\x91\xd1\xa6P\xf2J[\xe7B\xa8NR\xc4O\xca\xda\xf4\xc0P\x88\x8a\x1

0\x90\x10\x01C\xa1\x14\xa2\xe2\xb8\xea\x04U\x15!

\xf5\x0b\x84\x08\xd2<\x95%C\xd5z\x86H\x91\xa0~"De+

x06x95xacxbadx15txedxe8BZ!

R\xc9\xbeL\x884\xa3\xe7\x84hf\x94\xa2s\x91\x82|

 $xfct\xdd\xde\xb4\x0b\xb4\xa7\x06PV\x16]K!$

\x1e\x1e\x51\x8b\x0e\'\xf1\x99\x8c\x9e\xb4\x9c\x0cY_\x17\x1d\x89\xd7{2\xe4\x

```
c9\xf3]\xb4]3\x8d\'Z\xc3\xe84\x88wx I\x93\xcb,
```

\x9dK\x04g\x8e\x90S\x8e\xcct\x0e\x0c\xd3\':

 $\-5\xe5\K\xeb\xo7\xbe8\xec>u\x8f\x1f\xebTJ\x8f\xe4\xab\x94\xddj\xfd\xb0\xbd\xd8\xb0*\xdf!\xbcA*\x7f|:$

 $T\x8e\xc7\x9a\xdf\xdbI\x995\x8d\xae\x0b\x87\n\$

\xae\x0b\xfc*\x04a\xc5\xdb\x82\xd9\x9e\xc7\xb0\x98\xf1\xfd\x88/\xd9\xc2\xe 7\x98L\xda\xd5\x9btE\xef3L\x16!\x98\xbd\xd4\x8c5\x16\x1a\x93O\x00\xcbJ) \x08x\xf6J\x13\xe2\x7f\x85\xb4g\xffG\xc2\xd2WF\x16\xc3\xa4I\'/ 19\xbf\x19w\xd3\xed\xfe\xf8\xd0\xed\xef\xeb\xf7\x8d\x86\xff\x8b\xa5\x9f&\x83

7\xe9\xf6|\xe0\xaaN\xaf/0\xd3\xf9\xc4\x8a\x85\x18c~\xf1\xfd\xed\xc5\x9f; \xcb\xd3[\nendstream\rendobj\r26 0 obj\r<</BitsPerComponent 8/ColorSpace/ DeviceGray/DecodeParms<<>>/Filter/DCTDecode/Height 1248/Length 26100/ Subtype/Image/Type/XObject/Width

 $x9a\\xe2\\xf2\\xe0\\xc8\\xf0\\xb8\\xca\\xce\\xc6\\xff\\xc4\\x00\\x1f\\x00\\x00\\x01\\x05\\x01\\$

8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x92\x96\x8a(\x \xa2\x8a(\xa xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x92\x81KE\x14QE\x14QE\x14QE\x14QE\x14QE\x 14SM--

\x14QE

x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14

E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\x14\x94\xb4QE\x14Q x14QE\ 4QE\x1 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14
E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q
x14QE\

4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q b4QE\x14QE\x14QE\x14QE\x14QE\x14QEFs\xda\xa4\xa2\x8a(\xa2\x8a(\xa2\x8a(

a(\xa2\x8a(\

a(\xa2\x8a(\ a(\xa2\x8a(\

a(\xa2\x8a(\ a(\xa2\x8a(\ a(\xa2\x8a(\ a(xa2x8a(xa2x8a(xa2x8a(xa2x8a))hxa2x8aJZ(xa2x8a))ha(\xa2\x8a(\

a(\xa2\x8a(\ a(\xa2\x8a(\ $2\x8a(\xa2\x99\x8a)$

\x14QE

QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\

4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 $E \times 14QE \times 14Q$ x14QE\ 4QE\x1
QE\x14 E\x14Q x14QE\ 4QE\x1
QE\x14 E\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14T@\x1fZ\x96\x8a(\xa2\x 8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a

xcd:

```
\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x9a>\x94\xea(\xa2\x8a
```

```
xff\xd9\nendstream\rendobj\r27 0 obj\r<</BitsPerComponent 1/
DecodeParms<</JBIG2Globals 8 0 R>>/Filter/JBIG2Decode/Height 2053/
ImageMask true/Length 16924/Subtype/Image/Type/XObject/Width
2700>>\rstream\n\x00\x00\x00)0\x00\x01\x00\x00\x00\x13\x00\x00\n\x8c\x00
\x00\x08\x05\x00\x00.#\x00\x00.#\x00\x88\x04\x00\x00\x00*\x00\x01\x01\x00
\x008\xe2\x08\x00\x02\xff\x00\x00\x02\xe8\x00\x00\x02\xe8UL\xed\xec\'6\x1c
\xf8''\xeb\xf7\xd08\xca\xa4\x86\xc0<\xa4t6\xbd\xc1\xe4\x0b\xa9\x89\xb0q}
x8ex0bxac
```

 $d[\x90e\xfeo\x98\xe6\x9f,k\x06\x8f\xc0\xfd\x84WE\x88\x9f\xf4R\xf6\x8c\x9a\xb1\x1aC\x8f"13\x83\x92\xcc\xfeE\xf4\x9cl\x00\x8a\xff\x05\x9e.$

\x86`\x08B\xb9*\x97\xd88\x94k\x06\xdf\xde\x91>a\x03\xe4\xf0f\x87\

 $\x 93\xca\x17"\xfc\xf2"<\xed~\x9ah\x9f\xfa\x81C\xd2\xda\xab\xd7\x1f?\xde\xdb-\xe0\F\xeeD\x88\x9d:\w\xc1\xc2\xc2\xc2\x02F\x06\xa5\)$

 $R5m\x9cR\x9b\xd60\x93\xfe\xb2\x8bM\xd0h\x12\x1e\x10(\x98\x1c\xa1t\x9d\xfa\xf1!M\x17kz\x08\xdff\xa6\xfd\x88W\x15\xbb?$

 $\xext{\xae}\xefe\xaba\xe1K\x9bK{\xce\xb8\xf5\xa2\x94\xa6\xcb[\xbb:$

 $FK\xeb\x0b\x1c\x1a\x13\xe0\xf2M\x01G\xf9:\xde\x9cw\xa8\x0b\xef\x7f\xa9R\x92\\ @+\xa7\y+\xdf\xe0\xfa\xdeu\x8aq\xc9\xc3\xec\xb9\p\xfa20)\x1eL:\xf73!\\ xe5\xb5\x8a\')$

 $\x00.Y\x02,s\x00\xba\xee\xe4\x89\x92\xfa\xcf\t\xde\xaf\x95\xb4\xb3\x1dDI\x0e\xdek\xa9\xba\x93b\xc0>\x10!\xb9\xcd\x83]\x84\x94K\x7f.$

\xe5Y\x87\xba6\xa1\xf3\x1bF\xcf\x9fZ\x8e\xd2>\x81*\xb2\xd1\x11\xbf\t?

k\t\xc2\x1c\x90MQ@IX\xde"F^\xaa\x94\xd7N\xc5\x0f\x90\xc88\xf4O^\x1b\xd1\x bbKwg\xe0\x86\xae\x15\xd5\xab\x1d\x91W_\xbd\xf0\xc5\x1d\x1fLM\xe5\xf4<) \x19\x82\xf2Cy\$*8\x8eJ6"T\xf45\xdaJ\xbe"\xe49+

 $\%Z\xb8{\x12\#M\x16D\xc1\x8a\xb3\x9a<\xc43\x90\xeb\x15\xdf\x9co\xe8p.} \\ \xcc\xb0\xcf\x03\xb6\x89P\xb46\xf8\x9d\xbedD\xfc\xb9\x02\w2\xf3\t^*\&\x08\x00 \\ \x4h\xa1(0\xe5\xabv\x98\x1aE\xfb,$

 $I>t]DSW\\xe0\\xbf4\\x8f\\xf8\\xc6\\xed\\xfa2k\\xb8\\xad1\\xd73=\\xf5\\x88\\x1a\\xdb"\\x0e\\xcc ^Yy\\xf5*\\x0c\\xf1x\\xfe\\xe8\\x17\\x0f\\xcc\\xd3\\xb4\\xb4!$

f(x804)x90)xd7h(x93g)x18(r)x99S(x86)x9dO)xa8`u(xa1)x07,h(xc9<)xfbg)x1c-g(x08)xf4Jg(xc9)x01)x1d(xa5)xef(xd5)xbf,

 $\x8f\xed\xb6\xcc\xbaU\xc9V\x9da\xb2\x0c\x86\xfe\%$

 $\colored{\colored} \colored{\colored} \colored{\c$

 $7\x18pa\xe9\xa6KIw\x0c\x00\x9c\x04B\xaf~\xb4io\xb6\xf7\xbaz\x87\xb9Fj^\x17\$

```
\x9f\x92U\xfbz\xc9\xa4n\x14\x98\x19+
```

 $\xf1\x15\xa1\x93\xb8Q\x82D\xab\x8b\xd9\xe4\x81\xa50\xce\xda\xd9T\x00\x0f\xff\x1f\x83c\%\x89W\x1b\xe3\x88\&\xe7X\xe3\x13\xdcD\xe1\xafj:$

A (xe1) x 04 (x16g) x d 6 (xc0e[n) x 04h) x e 3 (xe1) x 16g) x e 0 (x84) x e 10 (xe2) x e 10

 $\xfe\xb4\x07\xc2\xe1\xbaC\xf0^\x8d$

 $x18Txa0Yx8fxb2={ax00xc0|x86X^{'}xf3xcdxd9x96+x19\%}$

x8cWxafxabxfexf1xb8x1cPx07xa7ex87xca)

 $x92\xe6\x1d;D\xc3\rC\x8cm\xc9$

 $\xe3\xb6\xe2e\xe8w\x9e\x96\xd3\x17\x11\x1f\xf9\x91\xf6\x83\xc4\xa8\xeb. \xce\xc2\x10Y/$

 $V\xb2e\xda\xc9\x9f\xfd8k''\xc7\t\xf0\x081\xfd\x8fy\x87\xee+$

\xa3\xc0\x90\xa2\x0e\x89E\xaa?\x8bh\xb9]\xa9\xf7+S%\xf8V\xa0\xe8\xe5+\xb5\x9aQ\xdb\x83\xa4qy\x12\x83y\xa0\xfft\xa6c\xe20\xc7\xacP5@\xe7\

 $7\#\x9f1\xfd\xbc\x0bl\xf9[)\x92\xce\xec:\#\xbd:\x90\x13E-\xca:$

 $\xspace{1.5cm} \xspace{1.5cm} \xsp$

\xe4\xfb\xe4S\x17\xc6\xd3\xa9\xaf\xd9\xf8G\x0ba\xe5%

 $\xbf\xfe7<\xb6\xf4*\xd1\xcb\x8cl\x1f\xb7v$

 $\xd8\xdek \tx99on\xe8\x1dI\xa3\x98Cu\xefW\xo7\x8f\xe6a?$

 $\xefI\xa4C\x13\x16t\xcbe\xfeT6x\xdc]x\xc0\$

 $\label{thm:linear_continuous_co$

 $\label{thm:linear} $$ \left(xf1\cdot xd9\cdot xbd\cdot x92d\cdot xc1\cdot xf3\cdot xbb\cdot xd7J9h\cdot x14\cdot x90\cdot xbc\cdot xcc\cdot x8b\cdot xfa\cdot xb8< v\cdot xf9j\cdot xc5\cdot xacv\cdot x7f\cdot x8e\cdot xd0\cdot xb4\cdot xcb#\cdot xa3D\cdot xdbC8\cdot x92o\cdot x14tg\cdot x8c\cdot x9cneR\cdot x98X\cdot x7f\cdot xcb\cdot x1a\cdot xa7Q\%2RzQ\cdot xf7If\cdot xb9\cdot xde\cdot x16\cdot x0ep\cdot xcb[\cdot xfc\cdot x9cZ\cdot^\cdot xa4.\cdot xd3&\cdot x04\cdot x8e]$

 $\label{thm:linear} $$ \x87\xda\xaeY\xa7q\x8e<\xe4p\xad\xd3A\x97\xb3d\x1a\x9e\xa9K\x9eP\xcb6\xda\xc8\x00\x82\x95\xf9\x8e\x08\x8b\xac\xe4\x9f\x8f\xaa\xc3\xb4\x90\xa2\x85\xd4\xffQ\x1c\x99\xe1b\xe6\x92\x8e\x7f\xf51\xbe\xb38\xa4U\x88\x10\xb2\xc4\x92\x91Lt\xe1\xdc\xf7\n,$

 $\label{thm:linear_control_co$

 $\label{thm:linear_continuous_co$

 $\\x 8cg\x 8d\rw\x e0\x f1\x b9\x f4\x f4\x f7\n\x d8\x b0\x f0\i\x 85\x d6/$

 $(\xcdO\xfc\xc6D\xc0\xac\xbe\x05\x1d\x0c7\x9a\x84-$

 $s\x1d\xe4)\x9aUT\xddqk\x7fO\x97{1\xc6\x06W\xe9!}$

 $\x4\xb3\x9b\x11RR\xfe\xf8f\xb8\xe4\xc2\xdb$

 $u\xc6hQM\xe0[4I~\x8a\x00\xec\x99\xdf,$

\xe9\xf1\x00\x96\x95\x13\xe0\xbaN\x94\xd6o%

\x9c\xdc&=\xe1\x8b\x87\xd3\xb6\x1e\x1c"\xd4\xcc\x14b\xaf\x01sj&:

\x98\xc8\xe8\x1e\xc3\x82>\xe3\xa6I\x9d\x8a\xf9\xfd0\xe0\x0b\xad\n\x8e\xc8\x 1d\xeeo\xd2\x837\xebWB\x13n\x14&i\xd2\x9d\x89\xb2\x9b-!\xb6\x94\x11\'!

\xac\xc4\x8br\x1c4\xb3U\xd0\x84\xc4\x1c\xe8\xaeiY\x95\xb1\xb2\xf2\xc9\xe3\x\bc\x860\xa8\x871\x85\x01)GE:

\xd4\x86\x9b\xf0\x18\x8d;

 $\$ \x13\xb0E\xa79\xc78\xfb\xd9\xb1\xf9\xb2\xc0\x98\x7f\xda\xa4f,O\xaf\x98\xdc\ xc1Ur\xbfj~\x08rgVA\xee\xf9\x1e\xda\xcbi\xec\x9dz\x01H,\xa4+ \x96\x1d\xa2\x8cE7\

x83x94exd2 x7fxfbx0bx03xe46x9f

 $Ue=H\xf9\xda\xc3\xb6ni\x15\xb1\xc7\xc5\x00n\xb8\'\x16\xd7PEz:\xed;$

 $\xfa\xc1\xc1\xcel=8>\xdcv\%\x95\xc7\xef$].

 $\label{thm:linear_continuous_co$

 $m\xb76\xf2\xd4\x1c\xedB\x16\x12\xcb\xb8\x92\V3\x7fA\[\xb9\xeb*\x1e3\x1e3\xef\xd2\xd6\xd6\xcf\xda\xb1\xe4P+$

 $\label{thm:linear_condition} $$ \x 02[\xab4\xeb\xa1K>\x8d_\x89\x0f\xf3\x15\xf4j\x9f\x0e z\x99\x99/[\xa6c1\xb7\x95\xfa\x91\xa8G\xaa''\x04\xa0\xaa\) $$$

\p\xe1\x9doZ\xa8J\x91\xb7(\xbdV\xda\x89S\x10x\xb4\xd8\xc6p\xfd#\xe1\xd7\xe9\xdc\xd4\xc9\x06<\x19\x12\xf5\x95\'\xb7\xdb\x1b\xb5\xf7\r>j\x89u\xc3]\x05W E:\x8a\xf3

 $C\end{align*} C\end{align*} C\end{align*}$

t 0\xd7\xf2G*\xab\xbf\xd18\x16NT\xe0\x15\xe3\x8e\xc5\xbc\xa2\xbdv\xbc\xe8N\x cf\xcf\xd0\x9d\xa5\xf2\xba\xc7\xce\x00.\x03*\x7f\xef\x9e\x12\xff\x7f\x9c\xf6\xc 0-\x05\xcd\x17\x99\xc2\x93\xeb2\xf2!

 $\x = \frac{x_124}{x_0} = \frac{x_0}{x_0} = \frac{x_0}{$

 $\label{thm:linear} $$ \xo^{x04} \times 6Q\xaeC\x82:\xaaX\xd1H\x7f\xdfc\xf4\xa4\xf8\x1f B_\xf8\x16\x9d\x04)\xc7q\xbbP\xa3\xc7\xed\xa8I\xaai\xc1X\xf8\x9f0\xca\xc6\xa5b.$

 $x18_xb4\\xc1\\xf2\\x80\\xacJ\\xadv\\xbe\\x9a\\xcb\\x1dR\\x9e\\x8a\\xad\\xd5b$

 $\label{thm:linear_continuous} Y\x87\xf1, Wf\x9f\x14\xe6\xda\x8d\xd2\xd1\xfe^\x06\x03\xa5\xeb\x91\x8f\x19\x8eS\xe73\xce\x9f\x03\wZ0\xce,\xefJ\xcd\xf6\xbe\xe6k\xca\xa3\x1d\xdc!$

G\xc7A\xad/\xcc/\xfd\xd3,\x19\xee\xc2\xad\$

\xe16^AR\x14\x8aaj\x9bz~\xbf0\rb\x82[@Q\x94\xa7cM-\x1e!

 $\label{thm:linear} $$ \x82\xeb\xfe\x1c\x96\xdd\xe6\xb9XYB\xe5\xe7\xcbF\xa6\x9c\x99\x83\xbf\xfc\xb90\xfb\xa0\xe2\xc5\xc4\xb0\xb4\xf3\xfb\x17\xf5iu\x8d\xcc\xc4\x82\xa6\x122\i\xec\x89\xa6\xbe\xe6\xf6U\xee\xc5\x11$\x0bM\x11\%\x0bM\x11\%|$

 $x97d?A\xb6\xb7\xb6\x91Z\x05\xf9\xc2T\x84\x07\xc2\x1fs@:$

 $\label{thm:linear} $$ \x65T\x1f\x02\c\times91\\\xe9r\xc0n\xae\x8bOM\xf4\x08\x8a3\x8a\xde\x9c\xfd -\xfdH\x06\x99\x15\x96\xc9\x1a*\xc03\xf7mBk\xc46\xcc*\x81R+\x0eC[\x93.~$\xbe\x06\xf185\xb3\E\xce\$

\xfbb\xc1MQW\xc1d\xec\x89\xc1\x0b5aJhp\xe7\xfc\xc7-

```
 X8+f\x12\x98\xa5Gz\xa03\x9c\x8c\xf3p\xd5[=\xb6.*\xd3\xa5\)\%\x90\x8c+ \x0e\#\xb0\x9ef\#\xa3\#\xe0Z\x98\xb8\x10\)'\xba\x80\x1e\xb9\xd5\xdc\x83~S? O6\x1a\xffoQ\xf7\x14s\xba\xe9{\x1c}\
```

 $x98Px88\xbc\r(\xf6\xfc\x8c\xab\xef\x95\xb8!$

 $\xefJ\xee\xf6\xd0\xa30d\xa6\xf4\xe9\xb2\t\x06\xc1\xe6\x97\$ [2\xb4,\xb7\xd1\x1e\xf3.\x90m\xb4]\xd3\x0b9\xde\xdb9?

 $V\x17\xe3\xbfZ\xe7\xd7\x87\x18\xac\x9b\x87\x19/\x17T\xd6\#\x05\xf0-$

 $\label{thm:linear} $$ \xb1\xae\xaaw\xae\xe4\x91\xd9\xc8\xf7\x08\x9e\xb49\x0cX\x01\x10O[\xa7\xfd8\x9e\xc632\xd6\xcfW\xf2\x06<\xba\xbc\xfb>,]$

 $s\\xa1^H\\x0c\\xfd\\xbd\\xac\\x14\\xc4\\xfc5\\x93;\\x9aU\\x1f\\xba\\x80\\x9dn\\xfcm\\xfd*\\xbd\\xa740\\xdc\\x89\\x18"\\\\x84o\\xe3]\\x96\\x0fC\\x82`\\x99P\%$

 $\label{thm:linear_continuous_co$

 $\x07\xc75p\xb6\xe9\xfd\x91\xd8\#\xee\xa5V\x9ck\xb1N\$

 $P\xcd\xf0\x93{\x9d\r\x89\xe4\xc7\xd3\xd5\xd8R\x19(\x02\xb4]3! \\ \x9f\xa0z\xe2<\xfah\xoxe4\x14\x1a\x0e0\x9c\x960e\)'\x06ooc\x1a\%$

 $\label{thm:linear} $$ x8e\xf0r\x91\xdb\x9a\xadT2\xd8\xb7\x10\xfe\xad\xdf\x01\n\xf8c\xbd\x9dow\x8f\xf4E\$

\xf6Z\x1e\xcf4\x830\x15\xdf\xa5\xff\'*\x0b\x90\x8d\x0c\xc2\x9b\xbc\x12\xee\x0 0.\x91\x99\xd3\xfd\xd4\xa4\xbbX\x10\x9b\xac\xde0\xc9\x9e(\x1b\x03\xe4\xd3c q\xc8Y\xb6\x07zW\xc7GnN\xd8\x16\xa8\x1et3*\xa0\x93\xee\xa8E\xbe\xe3\x07\ xc2\xe3\xf9\x06n\xc971\x830\xe8\xa6\x9b\xa3D\xe1\xdb\xe9\xedT=\x10\x069\

```
xf2L\xba\xd7\x0b@$Z$;
```

 $\ensuremath{$\langle 2\rangle (x) = (x)^2 (x)^$

 $\xbbw\xa1\xa2\x13^\xd4\xd3\xd4\x13\xc2\xe6\x7f\';B\xd4\x8b\xd2;\x0e\xc2\xcb\xdc\xdf\x7f\xb9T\xdc!$

 $g(xc1q)xb4(xbbh)n(x18)x8d(xe9*(x08)xb7)F(xe2fIH(xeb@8&(xbc9)xfa?? $$ \xa1G(xa3y)x9e(xba-3 \xa4(xa7)x1f(x7f(xd5.)x0eC55)x1c(xe9)xf9c(xf9)xd1 $$ \x81(xdf)(xdfu2)x89(xf5e(x1c))xe6Nh(xec(xdc))xf3r}(xcaVG(x98)x14)xb4 $$ \xc1(xe2\#(x9b5)x0cb9)xb8(xc1)xe8W(xd7)xdf(x88B*\#(xf1)xcb(xa3)x9b(x87)x18(xf5)xa2(xe7!!)x0b(x90)x1bf(xf4e)xa0(xca)xc4(xca)xcc(xcc)'-.$

 $\x12\xed\xf5\xe0\x1e\xbf\xfbi9\xa1\xa7\xb2\xd5\xa2@-D$

 $\xe4\xc4\xc7Y\&\xd7\xd3\xac\x18$?

 $c\x13\x82\xa1\xbe\xb7\xe2\xf4\xfem8\xc9\th\x08t\xdc\x1d\x7f\xb6\xa7\x043\xcd\x8a\xfe\x81\x07S0\xde7\xb1\xa3a\xd08u\xb3\xd4$

 $\xf4Qq\x03\x0c\x93U\xaah\xaf\x05~+-/$

 $s\xd0\x15\xea\xe1\xb9\xd6\xfa\xa5\xd7\kM\xd2\xb8i\x02\xa7\x986\xb1p]W\x101\xa4\xed[c\x13W\xe1o\xea4\xd9\x92\x02\x18\x98\xb5\xb0b\xea\x1e4\xf6\x7fF\t\xddel\xe2\xc1\x15B\x7f6?\xc3\#\xb9t=\x8aM\xe2SuLt\x019\x7f\xdb\xda)\xbc\xb1;\xe4\x99i\xcf\x05\%\$

 $\xcf\x8a\xae\xbf\x85\x1b\x9dH\xb3\xc5p\'\xef\xe0\x97k\xd5$

 $A \times f6 \times f6 \times M \times ad, x (\x0c\x01\x95\xf7W\xc6\xb0\xe6\xd2\xbd\xb8\xaa\xfb\x80 (\xf7mR\xc8LR\xbdk\x86\x0c\x1f\x82\xffP\xf0\x89\xb1\x8d\xadM9\xee\x10\xb41\xb7\xb5a\xe0\x1f:$

 $\x18\x04\x04\x04\x04\x04\x04\x05\x05\x05\x04\W\xe3\x86\xa9F\x$ f5\x10\x7fK9V\xef\xbe\xc2Z\x17\x9e;

```
0f\xb2j_\x1cR\x8e\xa2\x16\xd2w\xf7O\xcb\x07\x1cV\xbe\x92\xa8\x05\x96\xdfP\x9c\x8cr\x91\x9b6\xdf\xcb-
```

\xbeddP\x9a\xa9X9m\xa4s\x94\x86\x1e\x98\x90\x06^%Tbj.

 $\x81\r\x007v\xcb\x85\xf4\x99\xd2\#k\x00@Q\xcb\xa46\xd7\x93]s\xc4:\x0f\x9d\xd4I^\x05\xb7\x0c.\xda\x8b\xcf\x11\xc3a6,\xa7(\xfb\xa2\x9cI/$

 $\xd5\xeb\xb6y\x14<\xe3\xefW-y\xb9;k\xa7\x85<X\xe0\x93\x18T\x91\x1a}$

\xb9\x98\x03\xa9\x1c\x18\x1f`\x9f\x86^\xa9W\xfc\x1d}\x1c?

x9eBxa0'x92lx05xd8xaaxe2S/

 $K\x07\xb6\xb3\xfa\xf0\x7f\xffu\xf9\xb8\xab9-\x0f\x07\x9e\x8e\&\$

 $x93\x7fv_n>xc5\xde\x92u$

 $0\xfd\xb7\xf4\x16\x14\xa6\x88\xc9\xf7w\xe7M\xf2n<\ng(\xdb\n\%I\xba\x1f\x15\x) ce\xb8\xa8\x0ef\xdazdoH\x0e\x81Z\%mv\xa1\xb4|$

@\xc9\xcc\xc0\x89\x9c_H\x19\x903\xabOFj\x99\xc8@\x0c}

\x93\x0e5\x01=G\x11O\x15\x84G!@\xe2\xf0\x04D*6Ct\x0e;\$\x83\xdd|

 $\label{thm:linear_continuous_co$

 $2:\xf6D\x0b\xea\xce\x07\r\x9b\x95\xb4\x8654-\xf1\xe0\xfbxL\xe6,\xe5+\x0e)$

\xabE\x94\xa3!^\xd0\x8aR\xff>\x99\xfdO\x13\xd7\xc9\x8c+

\xe4\x00p\x1a\x8d\xd9\xf0@`Zt\xe0\xf9\xe0,\x80l\xbcWK\xe1:\xe5\xe8B\xa1\x8

 $2\x1b)\x1e\x17P\x99\xe4l\xf7\xd1\x9e\xbdX5E\xf1\x0e\x94\x0bk$

 $\xf4\x93\xa2\x9f\xf3X["h\xd9\r\x9e\xd6hi\x1aH4\x885"w\xc5j\x02\}$

p5\xb7:P\x80|

s\xf3\xbbe\xda\x97MXgH

`b\x0e\xeb\xcc\x9c\x84\xd5\xaa\x03d\xa6\x98V\xefy\x00\xf9\xfa\xcc\t\xc1

 $7\&_m8W\\xa6\\xafP\\xdf\\x00\\xdd\\x18f\\xe2Ys\\xa4\\xf0\\xf8_b\\xe0GQ\\x99\\xc4-m8W\\xa6\\xafP\\xdf\\xe2Ys\\xa4\\xf0\\xf8_b\\xe0GQ\\x99\\xc4-m8W\\xa6\\xafP\\xdf\\xe2Ys\\xa4\\xf0\\xf8_b\\xe0GQ\\xe2Ys\\xa4\\xf0\\xf8_b\\xe0GQ\\xe2Ys\\xa4\\xf0\\xe2Ys\\xa4\\xf0\\xe2Ys\\xa4\\xf0\\xe2Ys\\xa4\\xf0\\xe2Ys\\xa4\\xf0\\xe2Ys\\xa4\\xf0\\xe2Ys\\xa4\\xf0\\xe2Ys\\xa4\\xf0\\xe2Ys\\xa4\\xf0\\xe2Ys\\xa4\\xf0\\xe2Ys\\xa4\\xf0\\xe2Ys\\xa4\\xe2$

 $*6\xce\x97~*\xfe\xcc\x1e\xa1\x14\xc9\x82\xc9\x03\xb3g\xeb\r\xcd.$

 $\label{eq:condition} $$ \x80\x90\xcb\xf5\xa4t\x9e\xcc,c\xeb\xf9\x05\x15\xfc\xe2\xc0\x15L\xf3\xf5Q\x85\xee\x10h\x12$$

 $\xc8h\xf6\xd7\xdf\xcf\xaa\xb8\t\x95EU\x1d\xc2\xcc\xf5\xa7\xbaq\x0b\xb4?$ @\x86x\t\xab\xaem\xbc:b,\xc5e5-

 $N\x1f\n\xd7\x85r\xda\xac\x1as\xbf\xd2\xac\xc6S\xbc\&\#K\x15\x14\xc3\xd2Q\xb8 \\ "/$

 $j\xa0\xd6\xfbh\Nw\x03\x986=\xecR\xa2\xc0F\xcf\x8f\xb14=\xf3x\xe2Z\xde7\xb2\p\x83\xd2\xa85\x99\xc4\xf08>\xe0\xa00\xdd\t-$

 $\xb5\xa3\xc92\x1fJ\xc0w\x00\x87"\xbb\xaa\xb8u\x1f"L\x105\xe6\#\xd1\xa5\x8f\x8an\x06e\xcf+$

 $\xcf\x10I\x8bA\x0f\xaa\x8a\xe3@\xee\x84.QFQ\xf7\x1d\xe9\x81\xd3\x97\x8a\x95\xe8p\x05\x86\xc31\x9bN\xc9?$

 $\x = 2\x 81\x df\x c 3\x 1e\x 0 8 qt D\x e 3\x a 3\x a d\x d 3\n\x a b$

\x93\xfb\xe8}\xca\x95g\xc8\x01\x14\x00\xb8\x83\xf8\xd4\t]

\xb3\xc8\xa3\xaf\x0b9\xcbo\xb0B\xb6V`\xed\x05>\xa5!

 $w\x83\x04\t\x1d\xb7U\xa4\x9e\xa5I=\x85]V\x91\x11\xff. \xad\t\x973\x98.\tF \x84Y\xcc\xc7\x1e\xc0\xcb9\xd8i\x92=}2\x94-$

\xadzr\x9c\xb4\xef\x82\xe5:v\x93\xa3|\x97=\xc7c]

 $\label{thm:linear_continuous_co$

\xb7s\x8fvJ\xc8\xeaa\x80DL\x9e\x14\x10v\xb4N5\xd0\xce\xce\xb8\xa78\xe8\x8

 $7\x9b\x97\xdaWE_\xd4\x0b$

 $\xf0\xbe\x9e\xfc&{\xc3\xff''\x92\x1d\xcasP\xd4\%\xce}$

 $\sim A\xb3\$\xf7H\xb4\sim s\x93\xcf\xb3\n\x1d\xaf\x01\xf2\t\xbc\x95*\x0c\xbeA\$$

\x1cn\$5\xf3\x1en\x12\xa2\x15\xfa\x8b8J\x0c(\xfa\xa75\x01e\x92U\xf2~\x87\xc7 tFU\x82\xc3\x12\xa2\x9f\xf8`\xff@]0\x9eSH\x19M\xbb\xc2\xe4\xd2HiY[\r\x01!\x93\xb9\xb8\xac\xc5\x96\xe6\xa8\x89\x13\xf7&\x93\xe3\n\x9b#\xb78h\x89\xd 0\xbc\x8c}

 $\xspace $$ \xspace $$

 $<[4r\x64\x81[\xa1\xa8C\x0b\xad<h2\xe9Y\xa4\x91\x00\x90A\x03\xfc\x11\#\xf0^"\xbe\xa2\x1f8%?$

 $\label{thm:linear_continuous_co$

 $x81\xd8\xf0\xeb\x13x\xba\xa3J$J!\x96'\xdc][\x1eeZ\x9fJgn,$

 $\x8c\xac4\xa8\x8f\xd6\xaf\xdeD\x82\x8c\xcf-$

 $x82\xfd\x17\x85W\xfe\xa3\x9f\x84\xb3#$

F\xce1fj\t\xd1\xc0y^\xfe\xa5\xdaA\x99ID3u\xc5\xee\xed\x19-

 $xb3s\xd0\x82\&\xd2\xdcH+?$

 $x86(xfd)xcb6xdb97mx8ex04\\xd4x99x83x88xccxde"hx01Px832Q)$

%S\xfb\xe3\xd2\xe8mIS\xcb\n\x91\xd4&PH\nZ;

 $\xe7\xb8\xd7\xd3\xb5\xd6\xf1a\xd6\x9f\xf0\x04\xa2\x9f^\xa4o\xef\xf3\xdxa6\x03\mbox{MO}\xdf\mbox{H}\x85\Q>,$

 $\x = \frac{x98}{x87} \frac{10}{x90} \frac{1}{x9c} = \frac{1}{x048} \frac{1}{x0c}$

 $\label{thm:linear_continuous_co$

 $\alpha4\xb1\xeb)\x18\xa2\xd6\x19\xf7P\x9b4\kTV)$

 $\label{thm:linear} $$ \x04\x90x35\x7fE\x9aZ\x8a\x825\xf3\xa3\x88\x90m\xaf7\xe4r\xa5\xf7\xe8\xb3\xfft\x04\xb9\x99\x83\x95\xe9\xbbp\x16\xb6\xab\xc9\xa52\x14@\xe0A\xfci9\xcf\xd6\x89\xa7\x96t\xe6\xfe\x9cw\x1c\xf7@\x7f\xd3*\xbb\x0cu\xe6\xc6\%$

T\xdcxgtv\xf5\xc3\x14\x1b\x11\xd1a\xbc\xd5U8A2\x0f\x9e/r\x89d\xd5\xc1%! [\xd6\xa8\x05\xb1\x8b\'\x7f\x9bX\xb3\xc4G\x07)^\xd2\x10GS\xc5\x84d\x1c\x9a\xe2\x85\xe5\x9e\xc6\xb8\x0c\x90Y\x9d\xd6\x10\x98Z\xf9\xd9=\xcd\x1ep\xe7\x87`0\x82f5(\xb5\xf0\xc3\xc8u<\x02(&\x07\x8eq\x05\x03#\xb8\xaf\xead\x9a\xext{ebx/c\x88i\x91\x9b\xbc\xc5\xcet\x17\xcc\x95"!

&\x9a\xa6\xf4\x15q\x80/\xc3\x9b\x1d90\xf3\xfaoMb\xf0a\xd0\$

 $\x0.05\x17\x0.05\x17\x0.05\x$

 $\label{thm:linear} $$ \frac{x81xx}x01\xf2\xdf\\xbe\\x8b\\xcf\\x0b\\xb9\\xcf\\xde\\xe8\xca\\xbd[\x85\xb7\x03\xab\\x1f\\xd9\\xf4D\\xe4\\x07A\\xd9\\xb37B\\xe4\\xa9a\\x1b\\xdc\\xf8\\x12C\\x05\\xdc\\x9b\\x0b\\xafo\\xbe-$

 $\label{eq:condition} $$ \sqrt{x837} z \times 02 = xe4 \D\xa0\xcf\xeb\x14\x9e\x8d\xf8B\x88\x03\xa7tSM\x92\x03\x91\xcc\xbd\xd2\xca\x08\xf8\x0e\xaa\xd8\x1d\xbd\xxbd\xf7$$

 $\ae\xaa\xfb\x0c\xb3\x81u\xb1\xed\x1an)\eo\xb9\xa3\xa7\xe9\x8d!\x7f\x1a"}$

\xcf+"\x9f\x88M\xd0\xb7\x8aU\x80\xc4\xf8\xef\xc5\x0ce/

 $\xea\xd8\x17\x0f\x0cp\xe6\x98\$SPIEOn.u<\xe9\xf6\xd1\x85I\x0e$

\'\xb2\xe6\xb3C\xe3\xdfC\x9b\x8a\x94\x91\\

\x02B\x91\x81B\$\xd9\$

 $\xc1\x870\X\xed\xa6E\xc1\x8e\x1e\xffLw+I$

 $\label{lem:hardy} H\xaf\x1a\x84\xe1\xbb\xe8j\xdd\xfd\xfa\'\x11jD\x9d\x94\xe8Qp\x15\x0bx\xc2g\xee$

 $\label{thm:linear} $$ \xbc\x08\xb8\xb0\xc6\x86\x9a\x95\xb6x\xa2\x91\x94\xbe\x a8p\xb2\x06t\xbdr\x0ed\xfc\x9em\x9b\x9d\xcd\xb0\x06KII\x10e\xb6\xc4\x89| h\xc4@\xf2f\xd7wK\n\xaf2k\'\xf0B\xb0\xa6\x8cq\xcc\xcf\xe4Z\x9a\xe5\xb6\xfc\xcd\xf3\xb9\x98\x95\x9f\xb4\xfa?\xd3\xf9\x03\x96\xff\x0c\x8b[\tG\t/\x98\x96?\xc8\x82\xf0\xc9\xba[\x84\xd3<\xe73\xe0\x9c\xa9(\x96\xbf\x83\%]$

 $\x19\xbaX\xef\xbd\xca[\xe6\n<U\x17$\n\xba]\x97\xd3(D]$

 $\xb1\xb7X1\xbe\x86\xae\xf52\xe0\x1a@!$

 $\xfeLc\x17\xd8\x9d\xee\xcf\&\xbc\xbeO\x1e\x08{\xe0}\xf99\xb8\x12\xee4\xb2\x98\n\xc1\xe4\xbfj\x8b\xfb\x12B\x9c\r\xf9\x88Go;$

 $\x 95\x 9c\x e 4\x 8aR\x b 2\x c 1\x 9d7`IN\x b 3k\x d 9\x e 7f\x c 8\x d 5=\x 10\x d b\x c 4b\x 0 2\x c 2^B\x b 1\x e c]$

 $\label{lem:condition} $$ \times x^x = x^x \cdot S^x \cdot S$

 $3\xc0/\x1c1*\xd6\x94\x92,\r\x95"A\x12\x10\xbe\xa8W\x10\xe7N\x04\xd7T^\xa1\x81WQ\x99\xb5\xe4\xab"\xc8i\xc8\x05\xde.9\x1bj!$

 $\xce\xee\xf8\xa7\x19\t\x9a\xfd\x7f-\xc6\%$

 $\label{thm:linear} $$ \xe^x16\xc^x18R&\xe^4\x86\xc^1C\xf^4\xo^x00\xcax\xo^2u\xe^6\xf^e\xo^*4\x8 b5H\x13\x1fV\x88\x11.\xe^7\x7f\xaa\xe^2)7\xe^5>[\xc^4<(\x95\x98\xa7\xdf\x9c\xc^4]\xe^1s\xo^8\xa^1\xe^2\xe^4\xe^3\xd^3\xa^7\xc^2c\xd^9Ag\x8 0*\xf^5S<x=\x98\x83&\xee\xef\xb0\x18(B[o\xaaw\xa2\xe^4\xbeak3$$

\x11\xf3S\xca\xa7.\x99L\x1b\xc4\x8e\xf6O*"\x16\xab-

 $\label{thm:linear_control} $$ \'U\xf7\x7f\x1fa&\xc01\tAbQ\x91<\xc7O\xe3X\\xf1\x18\xc7\xdf\x1d\xf1? $$ \x89\xb4_<X]\xe8[.\xc8\xa0q\x9b\xf3T\xdf\x16\xecU\x1a\xd6Hh5\xa5<\r-\xf8am\xaf\xce\x7f\x8b\xf8\x7f\x18\xa2\xa3\xf0\x8f[\xffy\xe8\x93\xf4w\x06\x17\x9f\xb1l\xa1\xab\xa1Qt\x07nxlz\x0c\xf7\xdf\x17\xf6\xf7)\xe8\xd5\x9eH\xf0\x9f[\xa4\xc7\xd3\xd9o2>\x9e\x13\xa4\xob\xb3\x15f(o\xa87\xfbq\x7f\xa4\xc1\xa5\x84\xd9\xb9\xee\xbb\n\x1b\x05\xe7\xb1\x0b\x96Q\xf4G\xe8\xf7lm\xf07\x15nk\xd3\x08\xb4\xdc\xcaXM!\x17!$

 $\label{thm:linear_continuous_co$

 $x18Hx96qxc4xf0xf9x83x91xd1^vx97Bx00x9cxf6x91dlx1fhx9e.-$

 $\label{thm:linear_continuous_co$

x8fx027x9fx00xbbxd8Yx80execxdcx92?

c\x89\xd3\x00`\xd0S\x92w\xb7B:

 $\xb1\x0b\xbf\xd4\x0c\x1bU\xf9jjx\xe8.\xf7\x08\xde\x906$?

```
\xda\x10-!\x8d\xd7T\xfa\x86n\x84\x1bX\xb77
```

 $4\x0\x93\xffF\xe5\x89\x95\x82\xec\xdcR,C\xef\xc4\xe9\xd0\x1a1\xf6\x9b\xfa+)\xb85\x01\xf8\x97\xef\x13\xe2\4_\xa1\xacj\x843\$

 $\xecf\x1d\xbf\x9f\xdd)\x81v!\xbf\x8e\xd6\xa5\xe8-$

MQ\x93\x83\xc5\r8\xc3\xcb\xa1\xb04\x89\xa8\x81\x92*\xa6!

 $\xf9\x0c0\xc8\x8b\xffr\xea6\x8b\xdfv[\xf7S\xbd3\x97K\x12b\x1a\x0b(*\xe1b\x80\xef;$

k3\x18\x080\n\x17SaH\xf9\xafC\r\xf8\x8b\x9cXE\x17B[\x86?

 $\footnote{\colored{c$

k\xf1\x02\xa4\xa8\xcf\r\xa9\xae\x15\x91;+

 $\label{thm:linear_control_co$

 $\x0e\xe1eTR*\xb2\x8d\t\xe1@y\xcb\xb6\x0cJ\xb2\x1d\x02P$

 $\xff\x7f\x17\xcaD_\xff@\xdc\x9bO+$ \$

 $\xd7\xa4\xcb\x10\x15\xdch\xb8\xc2\xaf\x9bcc$

 $\colored 27\xe0\x18\xc6\xe1\x93\xc0h\x9aD\xae<q\xeb\xd3B\x95\xf0\x95\xe7\xfb; \xea/vx?\xee\x04\x17\x1d\xcbG\xfc\xfe?$

 $\xf79\xe3\xb8\x94\x81\xc4\x7f\x91H\xae\xf5\x89;\xc4\x0f\xbc\xff\x07\xc3[=\xdal8f\$;\xe8\x94\xd4\x02T\x16\x97\x1ck\xcdh\xce\xba\xac$

\x1d\xffH[e\x96\x94*\x9f\xe4\xc8Dav\$@q_s{\x02\x11\x1f\xc8@c\xe3f\xbf\t4\x10 \x113\xf6\x04\x89z\xd02\x8c}\xa1\x08\xed\xdae\xc0\x1b\xa0\xf1\xa7\xba% \x9eE\xc7\xc7\xd9\xe1A\xae\xf1t\x85\x00\n\xd5\xd2\xe3\xd47\x81\x81\xd4\xe2 mKpi\xd08\x8c\xcd?\xda1\xb5\xc0\x8a\xf1)\xaf\xe0\xaa\xa9l\x94\xe9g\xa1\$ \xed\xe8\x0b\xc0\xf6uV\xfd\x07\xe2\xed\xcc

 $x84\xe^{\xy}$

 $\xc1\xdb\x10\x0b\x0c\x9c\xbc\x87Q\xee\xc8\x1fe\x87\xf0C\xbe)$

 $\xfd\x97r\x07\xff\x7f\xf9\xfbl\xb9\xf75\xe7\xcfL\xc4\xb0J*\xcf\$

\x87\x82\x95\xa3\x17\x8dU\xaed\x06\xb2\xc8L\x08\x12?

ba\x8c\xf6X,\xa3+\xccP\xe2u\x11O\x9c^g\x9b~\x95p\xa3O\xa1\x8c\xa1k

 $\c 3L\x 07\nWB\x ee \%x\x a7\x b4\x e9$

 $\xspace{1.5} \xspace{1.5} \xs$

\u\x03\xcd\xf9PxOd!:\xd3\x13\xc9\xbd\xb0?+\xe0\x0e\\

\xc0=\xea\xe6\xaeh\xd9\xab\xb2\x10\x88\x83\xb9&\x16\n\n\x00|

\xd7\xc0\xf4{\x90\xa7\xc5\x94\xf4\x84\xe4^jj\xb3\xc5,w-

 $f\x00\xce\xeau\xa6\x12\x0f\xe14\lQ\x0c(\xf3\xd5\x88K\x00\xf5\x0eS\xa2\x9f\x89m\xef wQf,\x0e\xf0\x9d\x96\lO\xa9\xb7\xd5_\x90\xfb\xdf\xe3g\x0c\xf5\xe9\r$$\x9c\$

 $\label{thm:linear_continuous_co$

 $\x1f\x04\x03\x00\x02\x04\x9cp(w$N\x92\xc1\xf7\xb3\x16\x18-\xfc\xc8\xc0\xfa.$

 $8Zt7\xa9Fx\xc3\x86\x9d\x87\xdf\xdc\xa3\xebztI\xdf\x1d5\t\x80\x9f\xb3X\x9d\xad\xf9\xb2CR\xf4y\x96\xbc\x1d\xf8\x1385I\x95\x92\x93r\x1f\xf8g\xb7,\x91\r; \xb4\xfd\x07\xe9\x17*FR3h\x90\x0c\x91\'\xe5\xa6\x9c\xc3[T\tF\x18\xf2\IP \x87\x12\x9brC\x00\x1f\x1e\x9c5T\x9fC:I\x97\t\x06^\x8c\xab\x9dYh\xac\x96;\xf8\xd8=G\xac\xe7S\x1bKg\x0bT\xc9oQ\xd1T\x17\xf8\x17M\xae\x7f\#\x80f\x87\xff\xac\x00\x00\x00+$

 $\x11\xf1\x9e\n\x96\x2\x83\x07\xc1\xa2\xcd\xe9\xcf\xe0!$

 $\label{thm:condition} $$ \xd0\xe3\xf1\x98\xbfxp\xaa\xe1u\xfc\x8f\xb8\xf4\#\x94\x82\x80\xf5\xd8\sim Mw\xfb\xcb+a\x03\x7fCW\xe7f\xf8_\xf5"d\x9a\x14\x14\x87T\xf3\x8e\x1e\xa4\xa6\xd2\x9b\xb7\x07\x97\xe9bb\x02\xdf\x96\xeb\xfel\xbc\x9cw\xc0\x7f\xdc8\xd1\xf9\xf7\xecWj\xfb\x83\xef=\xe9\xc4i\xfb\xb3\xffe\xef\x88\xe4\xc1\xwE\xaf\x99(\x19\xcbn\x06O\xd0:\x80bd\xf1\x81\xac\xbb\xda\x1c\xf9\xc7^\x82\x1b\x0fm\x893\x90\xsb5\xce332u\xf5\x03\xfa\x05:\x0b\xd8$

 $t\xb3Z\x80\xba\x1c\x19>\xef"JW\xf2\x9e\x98\x8e\x87\x05\x05\x13W\x92f\x82:qm}$

 $\label{thm:condition} Z\xb4\xb0\xe1\xbc(7\xe7{\xefG\x9e\xea\xba\x17f\xb1\x920\xd7h\x1a\xa3\x15\x00r\x9aL9\xcd<k\x03\xb6\x10p\xf3x\xe1a[\x1c:\xfb\x0e\x95\xcf\x03] $$ \xa5j\xf3\xd9\x16M\n\xcb\xc8'f\xecb\xae5:o\xc7\xa7\x13l\x89H\xef\xe0\xa1r| $$ \xa0\%Y`n\xec\xd1b\x83\x1d\xdc\x9fH\x04\xc3\xf2\xea0\xb6<\$B.We\x9b\xc8\x86\x08\xa9l\x18\xc1\xe3R\xcc\xd0\xd7kH\h\t\xb0\xcc\xe7\xbe $$ Ur\xddh\xe4\x8c\xad\x8e\xc0::\x8cch\xec\xcb\xe3\x93\xe4\x06\xd4b\x1f,x\xd6\xfaXS*\xd4\x13\xc2\x13\x7f\x90\xaem\$)\x7f\xee\x9a\xb0<m\xce\xe5cS3\x8dB! $$ \xdf\x92+$$ \xdf\x92+$$ \xdf\x92+$$ \xdf\x92+$$ \xdf\x90\xdf\x8b\xdf\x92+$$ \xdf\x90\xdf\x8b\x08\xdf\x92+$$ \xdf\x90\xdf\x8b\xdf\x92+$$ \xdf\x90\xdf\x8b\x08\xdf\x92+$$ \xdf\x90\x00\xdf\x90\x00\xdf\x90\xdf\x90\xdf\x90\x00\xdf\x90\xdf\x90\xdf\x90\xdf\x90\xdf\x90\$

```
P\xb5\xadT\xb9\xbf\xa1\x90\xd57k\xda\xb34\x13\xecF\x94K)
```

 $\xy 2\xda\x12i\xe4\n\xb9QA\xac\xf4\xfa\xd4\x9bu\xy96^\xf82\x8avv\xd1$

 $(T2a(\xba\xf1\xd0\xa4iBzoh\xe7t\xabQ\x95\x8aGZy\xfe=YU\xafs7\xe6so\xa6R\x95\x16\x19Y5\x90WL\x12)$

\xce\x887\xfc\x1d\x8f\xa3\xa5\xd0\xd8+\xe6E=\x07\x94iu\x8e\xc5\xe5\x99! \x13\xd5\x98\x8a\xa7\xa2\xc0\x94\x13\xff\x069\x87M\x0ft\xa7\xeaX\xaa\xfd\\

\x99.\x03\xccq \xc6\xe3\xa9\x96K%

 $\xfcf\xa0Db\xca\xc6_\xe4t\xd9a\#s[\x92\x86\xcfjMar:$

\xd0jYa\x9f\xfaD\xac\x1e\xbdJ\x1c\xfa`\xda\r\xe3\x1f\xed}\x0f;

 $\xea\x0ei\x95x(J\x1c3v<:\x9a!$

 $7\xa6\xd2\xd5\xab\x11\xb5\r\x15\xf4.\xeb\xc4\xdf\xc7\xd0\xe2h\x899\xb4\x95\xa8\x16\xed\xf7\xf9\x9c\xa8\xc1\xcaCp\xbd\xcb\$

 $\label{thm:linear_continuous_co$

 $\label{thm:linear} $$ \frac{x_4\sqrt{x_6}x_9\sqrt{x_1d}x_03i_3\xb_2\xa_4\xcf\x1c\r_4\xb_6\x1d\x9d\x0_1/\xa_x8_4E}{E[\xf_1\x8b\x16\xcc\x0c\t\xf_3\x0\xc_1\x19\x9_4\xf_7b\xea\xafz\xe_7\xcf_n\x18\x8_7\x0b\xd_6\xbe=Jgr\xd_5\K\xea_\x9_6U=\xd_96Z?$$

>j\xf4\x8b\xc1\xe3W\xf1\x91\xb2\x1eZ\xd5Vz\xb6\xcd\xd5\x112\x85\x05\xc3v\x

```
01F\xe8\x86\xdb\xcbJ\x9c\x9b\\
```

 $\xc7\xfc\x1bL\x0c\x8d\xf2k\xdbw\xe5\x1c\xad\xa8\x8e\x9cd\xb6q]$

b1\xf4?\xe5\x15\xb1\xdb\x17\xed\xdd\x15nWo.\$%\xc3\xea\x911 \x02\\

\x99\x03R\xc5\xb9@L\x8flw?\xd1\xb0[\x8c\xde\x16\x99cL]

 $d7qo\xd8\xcaZ\xdc\xca\#\x02\1M\x08@\xd7\xc9\xaf\x89\xab;$

\xe6m\xfc\xaa\xc8V\xd8\x91\xc5\x1a\xeb?

\xb3H@\x960e_4\xd8\xddo\x92`\xac\x0e\xcf\$

\xaaF\x8d\xdc\xfd\x8c.\x0eb\xc8}\x8fN^N\

 $\xe9\xf2\xc2:\xf6\xa7CJ\xa4:\Z\xe1b6\xb3tc\xa2\xb5\x1c\xbb\x1eHB+$

 $\co\xd0\xb3A\xf4{6\x9e\xb3}<\xabfW\x87\x85\xa8&I\x87\x83+ud\xf8\xe1\x8cI\xd3\xf4\xf7\x83\xaf}{!}$

\x87Uyy\xc3\x9bk2\x86.\x8f\x88[\xefA\x88\x92\xe2O\xba\xd8\x93\x9be\xd2%

\xd6\xa0\x80\xf7\xb4`\x1c\xc7q\xff\xac\nendstream\rendobj\r28 0 obj\r<</

BitsPerComponent 1/DecodeParms<</JBIG2Globals 8 0 R>>/Filter/

JBIG2Decode/Height 180/ImageMask true/Length 1480/Subtype/Image/Type/XObject/Width

 $\xcd\xf5''\xb1\xc6\x0b\xa6\xb8\x8b\xb9\xc2\x92\xd8\xd9G\x12\xa9\x97:\x16\xde\xc6\xd3\x8f\x9aKA\x17\x1b`I\xf3?\xe9?$

\x97\xb6u\xe8\x8b\x8f\x122>\x98\xd1\x15ZF\xc0\xffuQ\xdbG0\x99&\x87\x12\xa 5 \xe3\xb6\x873|%

```
\xff\x10\xb9\xb1H\xb6\xcaq\x01\xdb\xfb\xd3)\xa5\x83\xfb02,\xf1\xc3\x01
\xa2~\x86\xee\x0c\x9a\x88I4_\xc3\x16\xe9\xa2\x91\x8c\xadp\xa5\xc0C\x9f
\xec;\xdb\xecV\xe1\x1c.^6\xd6
\xe7\xdd\x90\xbb\xe6\xb2h\xf0j\xec\x8e\xc2S\x1f\x13\xd1\
a\xd3qM\x9e\x12!
xb4xd9xc34=xcbx7fxa2xb6{1x99px94&xe2xd1x1exacxd3xf8xbfxa4}
xf0MFm`\x94a\xe2\xc2\x11\x00\xd1\xf2^\x94\xd4\x99\xf9}\xe2\xb2U\\
\xfe`\x04\xa0\r\x82\xe5j\xd4\xd1\xd4\x99\xd7\x83\xf7\xf2\xd2\x0c\xf6n\x
9f\x92[]\xd9G\x81\x9b\t\xf0\xbe\xb8$6\xe7\xb9\xe4\xc7\-\xe8\xda;
%G\xae\xf6\xc2Y\x96\xa8\xef\xecJ\xd3\xd2A\x9b\xcf\x90Q\x81\xaf\xe9t\x10P\x
08c\x16\xb7\x0c\xa6X\x9b/f\xb1\x16\xbe\xe8\xad\xfd*\xc7\xec\xe2\x0e\xaa,
\xfd\x06\xc9\x0e\x9c\xb6\x92\r:C\x1e\xe2\xea\xf6$
\xfb\xa42oq\x99\x07\n\x92W\x11s\x80.\x0bg\x87A\x98\xbf\xde\xf7\xda\xdc\xb0
t`Q\t\x9fz9\x02\xfa\xca\x8f\n$\xe1\x98\xe0\x9e\xbb%
\x02\x91,\xf9\xa7\xf5\xc5M\x04>\xa4\xe12\xea\x02\xeaW\#R*\xd8!
\x1f0V8\x972\x060\xae\sim-<^<\x89\x0f\xe2/\xe8\xde\xe8v\xa9\xcdE\x18!
ow\x8a%(\x9f\x83|\xd7\xba\xb0\x8bs\x9a\x14\x04\xdb\xd7\xa0N!
\x \int |xbf | (x9b)x9c | xd1 | x1fK2 | x8aR | x9a@ | xe6| | x0b | x00 | xb3 | xef | xca] J | xf22 | x83~;
D\x9a/\xad/\xc3\xf7\x1d\x8f
\xd1\xec9\xfc\n\x8b\x9c\xbd\x00Ln10\x08\xe6\x17\xd3\xf6WI[\x8a\xd3\x91\xac`
\x9d\xff+\x180\xd1j\x89e\xa7x\x87\xa4\'n\xf26\xc9\
\>$T\xfd\x10\x8d\xe9\x03\x16\x96D\x1d!)\x08\xfa\xff\x1b\xffi\xbe\xb6\t/
\xfe\xd8\xe6\xb0\xd0\xc2\x7f\xo1\xb4\x9f\xc5\xbd\xa6
\x82\x9c\x08\xe0\xd5v\xa3\x8b|\\
\xb6\xfa_\x03{\xc27\xf9\x1b\x93\x04S\xa2>\x83X\xd0\xc3"-
s\xe9\x04\xad\xf95\xe3\xd7E\xf7\xc9\xe7\x01\x1e\xa2UL\xf5\xb0\xd6F\x96\xa8
\x = 1\x = 0.00 \x = 0.0
3\xf9\xf8n1\xa6\x87\x1f\xf3\xf7\x8b\x97\xec.
\xb4\xa9\xb8B\xf4\x91\xa8\xadw\x08\x9a[\xa1\xdcr'\xfc\xdcci\x9dp\xf3c\x1d\x8]
e2\x1at|\x90+\xf6$Jb\x87=\xc2\x049]\xfcWLb\xb1g\xa8\xfd\xe0\xe7\xee%
\xf1\xfc\x05\xbb5\xf7\xa9\xce\#\x9b1\xff\x1a\xaa\x0e\x9a\x882\xdf\xcb
\xcbk\xeb\xf3C\x88\xf3\x98\xf6\x12\xdc7%\xbb\x16\x01@fti\xc2\xcf\
\C\xa3vfQ`60\xe6\xc7\xe3\xb8\xc0oA\xd5\xd2u6\tD\x04\x9b\x8d\xb15H\xd1\x8
8\xbf\xf1\xf8u\x8d%k\xf8U\x1c\xa28\xec\xff%
x1ei^x05\\xbf\\xce\\x81\\xaf\\xb6\\x9bB
\xbf\xebL\xb1]\xd4\x03Tfq\xc6\xbe\xb2\x1fU
\xy = \frac{1}{x}a(x) + \frac{1}{x}a
e2\xe9\xa3be\xb9\xa4\xd9\xbc\xb0\xbb\x9ez\xff~\x00\xb7Q5\x94"\x12\xf8\xa9
x13;\\xc9\\xa7\\x00\\xf7\\xb9\\x7f\\xcd\\xfa\\xa6\\xc0\\xd2\\xf3[:
x8c(xb4Uxe5;xce)xb1\\xbc\\xd5\\x94\\xff]\\xba~x07=^M
\x07\xac\xecA\xf6\x02\t\xea\x98\x1b>L\x82\xd4\xb6+
\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{10}\xspace{1
```

8\x88c\xc2\x95\x9d\xf87\t

\x1e\xe70\xd54\xe4\x86\xfd\xf1\xb6\x02Lv\x86\xb2\xe9\x14\xc7s\x07_\xb1\xb6\

 $\xf5\x19Y\x1d\x99\x11\xff$

\x04\x94\xc3\xd4\xc6\x89\x0c8\xd5`I\x88\x1c\xf7\xf6\xd8\x88{\xf3KY\xf6\xe3\xc6\xfc\'Z\x87\x08.\x81\x15\xcb05\xef\xba\x01\xf9d\xf2\xadX\x88\xb3\xcb% \xe0H\xd2\x90\xdc!\xc2\xd6+\xa7K\xb9\x15\xad)E\x87<\x1d\xe1\x9c\xaa\x86? \x17\xab

 $\xf3\x9c\xb7\xa7\xf2S\x01\x81\x11\x9fW\xaa\xb0\x9f\#=\xfe\xfa\x06\x04\x86\xae\x08\xc4\xffD1\xda]\x92DR/\x81)Z\xc0\xb8\x10I,$

 $\label{thm:linear_converse_label} $$ \operatorname{l}(x)^{x}\theta^{x}\theta^{x}d\theta^{x}$

 $\xc3RX\xd6\x1b\xc6\xa8\xde\xe2\x95\x8b\xc4\xed\xe4\xed\xf0\xf5\x10t`\x0c+:\x9eg\%\xa4\xe2\xea\#\xb4\$

\M\xa7o\x876\xa8I\xb1\x89\xfe\xe3\xb1B\x94\x08\x17|\t\xebo]M!

\x1eb\x9a\x00\xa2\x06\x7f\xff\xac\nendstream\rendobj\r29 0 obj\r<</

BitsPerComponent 1/DecodeParms<</JBIG2Globals 8 0 R>>/Filter/

JBIG2Decode/Height 399/ImageMask true/Length 782/Subtype/Image/Type/XObject/Width

 $253 >> \ | x00 |$

 $\label{thm:linear_continuous_co$

 $v\x1f\xce\x96C\x1d\x9f\xa1\x9a\xae\x86\xc1\xd5i\xb6\xac\x1e\xa7\xf3\xb3\xc9H\xea\xc9''\xba\\xab\xc4\x80X\x8bZ,$

 $\label{thm:linear_control_co$

 $x94\xdb\x0c$

 $\label{thm:linear_continuous_co$

 $\x01\x05\x06\x074\x9d\xe4C6j\xe8\\\xa3\xd6V\xc1\xc0\x04\x86\xb8\xbb`\#\xf7\\\xdbC\xc2\xc0\xddDTS\x8cz:$

\xdf\xf8\x96\x102^\xe3\x90\xcc\xc3\xa9\x88\xcbi\x9a\xe7\x13\xf7F\x87\xcb\xc 6kO\xff\xac\nendstream\rendobj\r30 0 obj\r<</BitsPerComponent 1/

DecodeParms<</JBIG2Globals 8 0 R>>/Filter/JBIG2Decode/Height 37/

ImageMask true/Length 263/Subtype/Image/Type/XObject/Width

 $\x11\xc8BR)\YS\xdacb\x80:\xe5\xba\xc1l\xaa0\xb3Y\xa1B\x8c\xc9\xebW\x9d\x93 <&\x11\x9c\xde\xd4\xa8\xb0\xc1\xe5\x06,U#\xef}\xa9!;$

{\xf2\xfc\xbbgb\x06\xcc\x8a\xeb\xb1Zc\xea/

100 >> | rstream | n | x00 |

```
BaseFont/Times-Roman/Encoding/WinAnsiEncoding/Name/F01/Subtype/Type1/Type/Font>>\rendobj\r33 0 obj\r<</Font<</F01 38 0 R>>/ProcSet[/PDF /Text / ImageB /ImageC /ImageI]/XObject<</XIPLAYER0 36 0 R/XIPLAYER_CM1 37 0 R>>>\rendobj\r34 0 obj\r<</Contents 35 0 R/MediaBox[0 0 842 596]/Parent 2 0 R/Resources 33 0 R/Rotate 270/Type/Page>>\rendobj\r35 0 obj\r<</Filter/FlateDecode/Length
```

 $1959 > \rstream \nx\x9c\x8d\x99K\x8f\xdb6\x10\xc7\xef\xfe\x14:6\xc0\xaeB\x0e\xdf@/$

 $\label{thm:condition} $$ \xd94/4)\xd2d\xfb\x02\x16(\x1cGY;Y\xdb\xad\xed\xcd\x21\x9f\xbe\x9c\x11il\xa4(9\x07\#k\xfc5\x1c\x0eg~3\x94\xab\xaa\xaa\xfe]T\xf4\xcfJY[\x86\xff*V\xb3\xe4?\xca\xb9\x9a\xc9\xe1w\xd7"~\xb5\xda\x06\x1bO\xff[\xf3\xfe\xed\xb3\xbf^] $$ \xd5O{\xfa\xeeW\xfa\x8ck\xb0Z(p\xd5\xf8SKS+(,))}$

 $\ad\xa1V\x95\xe2\xa6\xf6\xd2m\xf5\xc3\xc7\xf5\xf2\xd0<\xa9n\xbf.\xed\x12\xa9u5\x90\x14Z\xe9\xf2!$

\xeb\xbfB\xbd"\xfd\x1f\xcd\xe6a\xddl\xb6\xd7Q\x0f\xf9\xf6\xbc}

 $f\xfc\xdf\xa8\x7f\xffxX\xad\x97\xc7\xc2\x0e\r\x03\xf4\x9bi\xff\x89\xeag\xf7\x87\xa6\xd96\xbbSk\x9d\xa7\xc1C\xef\%Y\x0f\x11Y\xad\xf7\xbb\xfb\xe5\xe3U\xf4\xc6\x0c\xf5\xa0\x0c\xe9\xb5\x0f\x03\xeae-$

 $\label{thm:linear_control_co$

T(xd6)xab(xa7)xd7(x05)(x9b)R(xf3)x90A(xe0)xab(x11)

 $\label{eq:condition} $$ \x9c\x88\x1c=j\xc5B\x9c\xb7\x9bS\xa9\x00\x01K\x0f\x95m\x01~n\xb6\x85\xd2\xe3\n] Be\x1b\xdf\x8f\x9b\xd3\x7f$$

 $\x06sC''\x01X\x08T<2\x96\xb9i1C:7\xbbD\xbb\xca\#\x8b\x0f\x08\x8b\xa7+\xa5\n\x91\xe5\xc1\x01\x18\x16\x9b\xb0\xd6\x0b:\xd9\x9d?$

 $\xea\xeb\x16):MI\x0f\xe4\2\x16\&c\xe3\x8bK\xc31T2\x96\x05/\x04J\x1a,$

 $\dN = \frac{3}{x}dN = \frac{3}{x}dN$

 $\xe7G^H\x13\xcdu\xd8{+dW\x12\xa2t\xa4W\xf8\xe4\x136l}$

 $\xd3\x1c\x1e6\xbb\xf2\xb0\xa2\xc3\x9ed\x8c\x01pY\xaeM\x8fQ\xa3Bh\xbb\xdaL\x9b.$

\x0f\xa8\x04[\x98E\xb4\xa6\x84\xd02\xb8L\xa8D\x08vxK\x13\x83c=\t-

 $B\xcaE\n\xc9\xeb\x85\x0eB;I+\xa9A\xc9\}dz$:

 $\ti\x141)\xc2\xf9N"M\x90\x90\x15\x906RK\xbe>\xce\xb0\xa4Z\x1a\x99\xfc\xdb\xbd\xf1|$

 $\x8d\xc7CS"\&p\x1cb\x05\xad2;m"\xa7\x04\x8bl\xf1;\xf4\x7f\x84\xf0e\x83:\xc5\x99\x8dL\x9b\#\xb4T=\xe5\x04-\%$

 $\label{thm:linear} $$ \sqrt{x91}x82\xc5">\xd3\xd2\xe4s\xbf\x0b6\xd3is\x04\x97\x8c\x84\xed\xa1\xbd\xdc\xd1\xbd\xdc\xa1\xbc\xa2\xbb\xa1\xbc\xa2\xbb\xa1\xbb\xa2\xbb\xa1\xbb\xa2\xbb\xa1\xbb\xa2\xbb\xa1\xba2\xbb\xa2\xbb\xa1\xba2\xbb\xa2\xbb\xa2\xbb\xa1\xba2\xba2\xbb\xa2\xbb\xa2\xbb\xa2\xbb\xa1\xba2\xba2\xbb\xa2\xb\xa2\xb\xa2\xbb\xa2\xb\xa2\xb\xa2\xbb\xa2\xb\xa2\xb\xa2\xbb\xa2\xb\xa$

\x01\xa0\xbf\xc5\x1a\x17\x8a\x7f\x04\x80Y\x0f!\x9fM|\x1311\xdf\xd9

 $x94x17^7qxb4xeax0cxf7xe6xbbxf4>0x97hTx86x18;?$

\xe0\x95\xc6vM7+\xd06\xc4x\xee\xd5\x02V\x1e\xaaG_-

@\x0eC\xbc\x8c\x80\xe6!K\xfd\xa5\x87\x95Y(H\xc9.a!

 $\xf4\xa4\xb2V\xcc\x96\xde*\xe0\xca\xa0brN\xb2\x90\x91P\x8d\xb20\xbbFs\x9a\xab\x01\xd8\xf9\x9a\xfe\xb0\xdd\xc7\x17D\xf9+$

\x08\xdaC\xbb\xfba\xbd\xfcrz\xdc\xdd\x1f?5\xc7\xd5\xfap\'\xa4\xdc\;

\x1f6\xfbc\x89\xd5\x12K\x12\xc5\xf2\x02V\x1b|\xc9\x80bHX\x9dAQ\x05!

 $\xeb\xa0(\xca\xac\xf6h\xc0\x1fr.a\xb5\xa0\xc3\xe3\xe3)$

 $a\x80\xc7Af\x88\x81h=\x1b\xa51\r\|\r5]L$ \$

 $\xd4\xe7Z\x92\xc5Z\n6\xa1WJ\xd9\xca\x82\xdeV\xb9\xf8*\x85_\x95;\x8bm\x85$

 $r\xbe\xb1\xc1\xbb\x88\xeb\x99\xbe\x02\xa8dC\x9b\xa3mEU$.

94g\x9b\xba\xd8s\xd0#\x15\x87\xfe\xb9\x96\x13\xc4|

\xa4\xe3\x8c\x82YU2\xf6\x9bI.\xe3\xcf:\x01[\t\x96\x17/

n\x17\xff\x03\x11\xb0]\x8c\nendstream\rendobj\r36 0 obj\r<</

BitsPerComponent 8/ColorSpace/DeviceGray/DecodeParms<<>>/Filter/

DCTDecode/Height 1248/Length 26104/Subtype/Image/Type/XObject/Width 1760>>\rstream\n\xff\xd8\xff\xdb\x00C\x00\x08\x16\x18\x14

\x1c\x1a\x1c\$"

 $0P40,0bFJ:Ptfzxrfpn\x80\x90\xb8\x9c\x80\x88\xae\x8anp\xa0\xda\xa2\xae\xbe\xc4\xce\xd0\xce\$

8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a))h\xa2\x8a

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xa2\x8a)
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\x14\xb4QE\x14QE\x

4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14
E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 $E \times 14QE \times 14Q$ x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14
QE\x14 R\xd1E\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x 14QE\x 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14
QE\x14 E\x14Q x14QE\ 4QE\x1
QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14Td\xe3\xb5>\x96\x8a(\xa2\x8
$a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa6f\x9fE\x14QE\$ 14QE\x 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14

E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14

QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE%

\x14\xb4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\

4QE\x1

 $u \times 9(xa2 \times 8a(xa2 \times 8a(xa2$

\x99\x14\xfa(\xa2\x8a $xa2\x8a(\x$ a(\xa2\x8a(\

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a(\xa2\x8a(\ a2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa8\xb03\x9e\xf5-\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x 14QE\x 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 $E \times 14QE \times 14Q$ x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1

QE\x14 E\x14Q x14QE\ 4QE\x1
QE\x14 E\x14Q x14QE\ 4QE\x1
QE\x14 E\x14Q x14QE\ 4QE\x1
QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14
QE\x14 E\x14Q x14QE\ 4QE\x1
QE\x14 E\x14Q x14QE\ 4QE\x1
QE\x14 E\x14Q x14QE\ 4QE\x1
QE\x14 E\x14Q x14QE\ 4QE\x1
QE\x14 $E \times 14QE \times 14Q$ x14QE\ 4QE\x1 QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14\x94\xb4QE\x14QE\x14QE\x14 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14

E\x14Q x14QE\ 4QE\x1 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14
E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x1

QE\x14

```
8a\xff\xff\xd9\nendstream\rendobj\r37 0 obj\r<</BitsPerComponent 1/
DecodeParms<</JBIG2Globals 8 0 R>>/Filter/JBIG2Decode/Height 2061/
ImageMask true/Length 17039/Subtype/Image/Type/XObject/Width
2698>>\rstream\n\x00\x00\x00?
0\x00\x01\x00\x00\x00\x00\x13\x00\x00\n\x8a\x00\x00\x08\r\x00\x00\x00.#\x
```

```
x9f\x8d\x1eL\xc8\x87E\x94\x06|D\xc9\x8b\xcb\xfa\xc60<\xc0\xf7\xee7
\xaaC\x8f\xe6\x08\x99E\x97>\xbd||
\xf4\x94\xf2\x12<\xc6\x7f\xb2J\xdb\xbezQ\xc5t\x8aOt\x81;\x9f\xa2l\xb9\xb7yH\
xa4\xbb\xe8\x83K\x9e\x96\xfc\xeeA\x8d#\xd0fR8\x12\x02\x99\x0b\xe3|
8a7\xccY\x9a\tZ\x18\x00q`\xfe\x1c<\xfdF\xd4\xd1\x96
\xa2)\xc9v\x00\x8aFFZ\xb6\x97\x94\xe9\xad\x8f\xb5\x8e>O\xa6n\x00=T\x7f\xf
d\xb4/\x93\x9b\rs\x86\x1a\xc50\x18R\xa0\x1e\xffw\x0c\x10\xd5\xae\xfc\xf6\{n\x)
16\xf3\x9c\x8d\x07\xc0v\xb0\xf5\xa6Y\n\xe6xA\x08\x0b\xcb\x06\xd4\xb5\x1d\
xecP\x80h\xf3\x9c\x96V\x03\x8fH;EW\xf3\x1b.
\xf3\x8d\xc0\xd44\x932p\xa72&P\x17\xbf\xef^@\x13\x11\xa9\xf3\xfdA\x05<{\xb
3\xc8t\x97$\x17\xff\x03R+\xc7\xc2\x98b\xf1a\xd1\x0c\x871\xf7:\x1f-
\frac{138}{xe1}
xf1\xc8+
\xe5\xe7\xf9\x00\x82\xb1,J\xf2\xe7\x91\xa2\xa6\xbd\x06\x8c\xfb\x87\xd6s\xa0
S\xdd\x82\xe8\xfa\xd1b\x06z:jg\xc9n2".\xcb$
\njV\x98\x08>\xaf\xdbi\xd0#\xd8I>\x82~\x17\xd2\xd0\xa1\xc5\'\xa2XI
dx92xc7x0bx86JDxa5x92yxccxe0x97x17>mx91y-x00c0{,}
\xspace{1.00} 
D\xe0\x96\xc2g\x87\xb9\xbe\#e\x91U\%\x14\xd2f\xf4$7\xca~"\x83p\xf5\x9e\xfb/
\xc9\xf7\x95\xe2\xff\x7f\xe6\x08\x7f\x889\xa2B\x9c{dS,
\xacd\xdcF\x94\i\xd0\xab\xd7w\xd9\x86.\x1d\xa0\xe2\xd9\x83\x9f/
x8a xf49AC xb6 xb4] xf3 x1e xc8 xa6z x1b xe8 x03 xfb_x88 xde=xa7/
q\xf30\xa78\xf6\x8f\xa7\xa8*G\xa5\xc1p\x89-
g5k\x87\xea\xcb\xec\xc7\x8e\xfe\xdb\x1e\x0f\x1bS\x1f\xffGg\xfaLQ\x93\xace\x0
4uP\xdb\n]\x10\t\xa8\x01\xce-\x0fW\xc2\x0e\xd6\xc5!
&\xb8\x93jsw\xf5\x17\xa5V\xfa\xf3<#\x1fP\xd9O\xe3r\xd7\x01\x17\xb1xE\xca\x9
7\xec\x9dY\xb9\xb2\xec\xc5\xd8\xdf\xc4\x0bD\x9f\x9fD\x87o\xf0\n\xa6?
\xe4SL\x86\xfc\x1b\x89\xad\xaeE\xd4T\xe3\x9f\x1f\xe2I\xc9\xb974\x98h\x15`^
 `)\xbc.M\xd7U!
y\x07\xce\xf8\x1bO\x05\xfbq\xc7\x96\x8e\x7f\x19~\xed1\xd5\xd0\x9b4\xbc\xd1\
n(x19)x96h(xdd)xceN(x83)x114(x9d)x88^{j}(xe7)x8a(xf3)xc7(xaf)xab(x89)x84$_D(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(xe7)xe7(
xb2HE\x82\xca\x01\xac\x8e\x16\xc0\xa1>\\B\xd0-
\xfd\x17\x95\x7f\xb4\xd4g\xf8v\xfa\x0b\xde\x89\xbe\x99''\x9d\x94\xf7\xed\xd2\
x80\xd4\x9a
\advarphi \xaa\xcb\xc6_\xacJ\x94\x16\xe7\xac\xdbQ\xde\xcfQZ\xf6\xe9\xb2\xcf\xff\x81\x1
\x8d\x1d\xdd\xc4d\x83\xda\xb2\x97J\x13\xe6\t\x114\xd4\x91\xf3\x05\xab6\xe8\
x1b\xc5\x01\xe5\x8a\x83\x05\x14\xaby\xb5\xab\xd2=\xc6r\x96Q\x15\x9e\x00\x1
f\xd4\xeb\x0c60,*\x99\xf3\xde\xd6\x81\x1b\n\xe0\x00\xb9a#\x86\x96\xbc\x97\
xbe.\x0c!\x82+\xdb\xea3\xf2\x11\xe3\x04\xb3\xbd\xff}\xcc\xf57\x97\x8e|
\xe6\'\xa7:\x12v|8\xd3U\xdb\xbe\x95\x17\xe31\xa0\xe2#\xe1C\xf2(~.+
xf4[x01Q\xec\]xad\xf1CI\x8b\xe1\x19\xff\x03\xfe/\xab\x8c)
\x 8\x b1m\x ee\x bd\x d9\x b2L\x 155\x ceBm\x 8c] TbVp\x de\x e4\x ac\x ea.
\x 80\x 99f\x 80\x cf\x a 9p\x 0 3\x 88\x d 5\x e 0\x 0 c\'a X (\x e d\x b f\x a 6 D\x 1 f\x 9 3:@)'X b
```

```
Wu\xa5\xc5\x93\xb4r\xce \xa4\xc3\xfc\x9d\x81;\x00\x81\'\xc1\xfb+!
x96\x06\x1aP\x7f\x8d^x08\xf9r\x09\xfa\xdc4-(]
t\x0c\xe3\x15\xdep\xd7u\xbb\xa9\xe4\xe7_{\xe7}
\xbd)u\xd9\xb7S\x94^\x99\x92&\xa6\x8e\xae\xd5\t<\xec\xa9\xca\x85\xf5\x96H
: \xe1\x190\%\xc8N\x060\xdf\x02\xe1\x83[d+f\xb1~7\xe4$
x941xc9x89xf0 \sim xda[xf2xc7xd9Fxcd[xb0xf8xbexb7x1fUx814xd4[xb]]
\xdd\x11\xb1s\x93\xed4\x83
x0b\x1c\n\x8c\x1e\xd2B\x1bS)\xf5\xe6Q\x11A\xf4\xa5D\xf9\x1e,
\x02\x12]e\xc71c\x1e\x93;\x8b\xa3\x93\xd5\xb8V*\xc6\xbbz\xe7\xed\xf4\xac\xb
9\xd4\xc6
k\x80\xbc\x878\xdd\xf8\xb3\xe0d\x9b\x1e\x95\x80qFz\xba1\x12;\ls\xaf\xf6\xb5<
{\xa2Y\x7f\x18]\xea\xd5\xc05\xc3\x84#\x98b\x05\xef\xb3\x80\x15\xdb\n(\xe7)\x
a2\xce\x81\x80\x90\xde\xacu~\xd8\xe0/
{\xdc}x96QI\xeb\xc2\x8bx\x01Y\n\x99\xf2\xf7]\xeeB\xa0\x87\xe5kKk\xc6\xbe\xf}
5\x0eX\r\xd3\xc9E6[\x00\xf4\xe0%wk\xe4\x85\r\x9c\x7f\xc3\xc8\r\xcb\xf3\x14\
x9aZ=a(x11(x99_)
\xb1\xfbs\ed{x}
de\xea\xea\xaf:
x9bK\x8a=\x1f\xa7\x06\x02\xe9\xbd\xcb\x8a\xb4\xc0F\x0b\x94\n!\xafdPa|_\r$
\xd1(\xb9\x92\xb7\xe1\xeaA\x0f]\xca\xfflf\xef\xe4\x01"=\xff>? \xe16\x0f!
Z\x07n\&\x1f\x16Q\xfd\xb3.\x87\xbf\xb8\xdb\xaa\x1c\x95\x0e\xc4\xb3\xf3\xb7\x
9b\xdc6\xb4\xc1q\xdd\xa2\x8dO\xa9\xd4,;\x7f\x8a\xd9\xb5\x163\xbdG\x15\xae\
x9b@a\xa0\xce\xbeto\xa9\xaf\x9d\x8d~\xc0N\'\xbdy/w\x9f\xa2?
3\xce\xec\xe8\x9b\xa69\x02\xce\xe1\xc0;q\xf2\xbeC?
x98\x8d\x8aXjH*\xb9$\x0e\x85\xb2\x1a\x87\xd8\x98Rr\x148\xb1>!
x12*xd8\xbe\xcdzt{h?}xf2\xf0\xa0\xff`\xc9\xccQ\xfa\xb7\xcb\xe06&I\x91}
xa9[xe8x0c0x14mxdd+
\xb5^buN3\xf4\xbfZ\x12\x819\xc5\xf13{_\x84\xf2\xcf{\xebC\x05ug|\xc1}}
Jz\xcb\x9fP\xc3\rI\xd4\xdd\xc7;\xe5\x82\xb4\xb5,y\xea\x01PA\x98\x9e\x1eh\xe6
\x8d\x98\\xd3\xc2\x85\\xbc\xc4\x15\xed\xff\x13\x1e\xabwL\x84\j\xe1C\xab\x1b\xf
0\x14\xd4\xeb\xe1\xae\xe8y\xaf\x8d\xb2 \xb7\x86]n\xf3\x802\xcd\xf7\x18\xdd%
\xc38\n\xc0\x00\x97\x0e\x01\xe5\%T+1
x16x8aHx92x0fGxf8n"yxf8Lvx17=xdbxe9=xadxc4x14x1f+xfcd
\cc\r\xd5\xbaT\xe7\xfa|\xf3\xfb\x87\#\x1b}
\xa5\x1e{OG\xa9\xd4.p\xa3\x90\xd0o\xff\x7f\xffS\xf0\x81\x19{\x8c6\xads}-
\x8dv\xe4\x9f\xffv8\xf6\xd7\x84\xecn\xc4\xbe\xb9\xca\xe1\x8d1\xe7c\xe7\xfe\
b\xb2Q\x82
\u\xd5n0\x81\x9d\x0e\xcd\xca\xa7.ku0#\xc6\xec\x1f6\xde\xa1;\xa8\x97\xaa\x06
K \cdot xcaf \cdot xfa \sim xe6 \cdot x0e \cdot xe23 \cdot x18 \cdot xfcD \cdot xd4 \cdot xf9X \cdot x98 \cdot xefl
```

f(x9d)xdex(xd9)xf6Y(x9e)x142(xcd)xab(xdc)xec).#(x82(xcd)xbbo)xde,

 $x9c\x18\xd1\xc9\xbd\xf0\xd5\xe4_$ \$

 $\xf8\xa7\xcbX\xebNyT\xb4\xd2\xd6y\xb2<<\xfa\x06\x8b!$

 $\xe^{5a0\xb}\xf5\x94t\x07MB\xf8\xc4\xcc\xd5\xa4\$

x85xaaxa7xd7DExfbx12xf0!x912y

_\x9dR"O\xea0\xb5\x16\x89\xa2\xb8\xfe

 $\label{thm:linear_qx9dfn2} $$q\x6^{xc9}\x6^{xfe}\xd7|e\x14DoL\xb9=\xfcTU\xde7Q\x1c\xe1\x1afs\xe3\x83\xe6^{xf3}\xb1\xd6\x83R*\xd9\x82H\xa0\xae\x882r9a\xa7\x92\x10\xa7\x87\x9e\xffg\xc7>\xc66\xad9\x9bI\x1e\xe1\xf6\xfa\x8as\xd8\x95\x0e\x13<\xd2\x9a\x1b4\xe7\xbf\x9eY\xe5\xbd\x14\xb2V\xa7\xe5_e}$

 $i\x9c\xe4\x90t\xf2jL\x1f\&\xabf a\xd3z\x01h\xdf\xa3\xe5\xd2vj?$

w\x96\xf9\xfa\xf9\xe2nm\xcbO\x08\xe6Y\xc6@\x8b}

 $\label{thm:condition} $$ \x9a(x91)'\xc3\xd3\n\xa2wD\x81My\x9a\x90}\xcfdp\xeb\xfb\xe3\x941\xa1\xac\xcfm8\xbc{LeB\xdf(\xa8\xef\x7f\x97\x81\xf1S\x19\x90,\x15UX\x192\xb2\xc0\xe6\xb3\xfc+:g\xa1\xcb\xc0\xd7\x8f\xe1U\xc4K\x05\xafR\xb0Q=Z\xba:h\xdf\x1c\x81\xe4\x15\xffx\xf8T]9F\x8d\xfc(\xdeA\xeb\x04\x11\xf11\x00\xb2\x93f\xf18\xc7\x0J\xb3\xf7\x1e\xe4\x8e\xe8\xb1\x93\x13\x84K\x0c\x91\x06\xdf\x1dl\xf7\x15\x11\x02\xf2\xaa\sim{\xe5\xe5T\xf5\x82\xc3\xf3\x0bs\x07\x9e\xd9g\xcc\x1f\xf9*\xda\xa4\xc6\xca\xd1\xec\xdf3\x0c\xab\n:\xb3\%}$

 $\xeq\xb9>\x8c\xbd''\xed\x06E\xb2n\x97\xb6S!$

 $2h\x99\xd3\xa8>\xdb\x9b\xff\x04\x0f\x11>\x11\x03\x7f5\xa2\xdd)i\xec\xd2\xd5\y\xd3\x1cl\xd3[\x00g\xb8\xfd\x95NL:*\xf5\xcd\x1e\x0cV\x91\xe5@\nv-$

```
\x7f\xf4\xa9\x97IX\xa7\x85\x93\x86\xd4\xd9G\xf8\xf2\xc4\x110\xc3h)
\x93{\xe8W+F*\xac\x96\x9b\xf2C\xc8\xcc\xd87\x18q4F\x84\x16\xfd2\xbd\x9e\x
b4\xa0\x04\x97PQtHD\x94\xca\xccQ9}\x06H\x9cx\xd2\r\x89M\xe6\xe3\x8e\x9
e\x9d\xcd)\x1d1\x98\xbb\xf5\x17\xf3\x92\xf7qv6\x84\x1a\xdej\x88\x9e.
\xd9\xb2\x0e\x1bQ\xe0\xf1\x1c\xe8\xea\xff:1>F*Q\x0b\xd1\#\xe0\xf9\xcd\x04\x9
b0\xfbOy]p#\xc7\xa9\xd0|
\xd5j\xd0\xa1\xd2\xc7\xa0\x8e\xea\xd2n\xd7m\xd0\xd5\xb5\xa7\xda\x11\t\x86\x
88Hs\xa4\xca\xc4\xe8\x1b\xed\x8d%\xe4E#\xd1~S\x16\xec2\xcf?
\column{1}{c} 
k\xc6\xd6`\xa3\xf9\xff%\x11W8\x93\xc6\xbf\xb7\x87\x8a\x8e$
\xcb12k\xd8\x8fd\x02\xe1\x91U\x0f7gB\xf5\xf1\xa2\x13\x1c\xcd\xae\x19\x18\x81
$|\x10\xa3-0\x87\x07\x96\x02<xn-\x17\xdbo\xff\r\x83>\nd\xafd?\x06<\xc9M-
\x 4A\x 0B\x 1cM\x e 4\x af T\x 9aU\x a 6\x b 2\x 1d\x 8 6\x 16 2\x 18 E\x d b\x 8 4\x 8 2\x 9 f\
xb3\xae\xbb\xce\xa5\xffn\xb5\x855~\xd3hz{\xbc\xec\x98\xc6\xb55_?
\xed\xe4\xbe\x80\x81\xx1a3\nD\xa4\xbex\xee\xb6\[\xx00R\(\xy935\XIX\xb8\xa1\xfe\)
\xda\xf7\xdf\xbe\x98\xffy\xa8\xfa*\xbd\x9f2i2\xbf$h\xb4\xc4a\t\xe9\x85\%
x84\xfa\xe9!
J(xed)xa7(x9d)xdc)xa9G(xd3)xe8(xc0)xf0(x166i)xb1"j7(x0c)xf10(x11)xf2(x13&n)
[\xfaR\xdbp\x00M2N\x80\x8b]
\xfb\x03\xa8f\'\xa4"M\x89\x03\xe6\x06\x06\xde\xe7\x96\xa0F\xdb\xeb\x04%-!
\xd3\x8e^{x07}\x8eA4P\x7f\xbc\xcd\xe9\xee\xf1G\xbc\xf7W\xfcz\x05\xdc+
\xf0\xe4\x1f\xa4\x84\x98\xd8\xc5J\xb5\x9cu\x0e\xa0\xc3\x01\xf7\xe9\x10\xdea
\ag{xa9so}\af{h}\ae\a4\n\xeb\x17\{wL\xab\x05?f0\x9bM,\xe1\xbaE\to:
\x d\xf9:\x14\xd9\x8cI0\x86\x10\x91\x03\x85\K\xc1t\x8f\xec\zI\xc7\xdbaff\
x91\xd5\xb06\xe8R\xd0{H\xcb\xa9\xa04\xb7\xa6\x08\xd6>1DK\xae\xea\xb3\x87
\xspace{1.5cm} \xsp
3\xb7\x8cua\xdb\xd8\xce\xe4\x86\x8b\xd1\xa5}}
\xe8\tR\xe7\xc3\xbd\xffw(\xfc\x851\x8cs\x85\x02ap\xf1Qg<\xb5\xe3\x91\xf9Oj-
\xd5\x82\xc5\x0e\x82\x1c\xb3\xd7\x90\x84`<\xcaX\x19\x80\xef\x01\xc3\x19\xa
4o(\xc2\x18\xb9\xfc^`G1\xfe9\x8c\xca\x88\xec\x1d\x15:\x88A\xe9\xbc\x91\xe2\
xa8\x82\xdcA\x86\xda\xb4M>n\xb5y\xf0\xcf\xee\x83\xb6\'5\xa5\xf2\xb1\xf4\xc
a\x07\xa9\xda\x93`\x1e\x80\x7f\xa3\x8a\xdd\xb6\xda\x8c\x83\xf5\x19|?
\'\xa1\x8b\xf6\xdc\x01\xe2\x08_\x05\x0cG\x83\xf8\x0f^\x8b[\xc62\xd5\x8e_\x0
x0fx?c,\xe1\xcb\x05\x9e\xd2\xcc\x90~\&L@\x0b\xa3
$\x15W\x1c\x00H\xdbq\xe6\xa3.\xd6^\x8div"\xe5+O\x08,!
\xb5\x96\x05\x98\xee\xd0\x95\xa9\x8f\xe8\x9a`^\xee\x8af\xae\xc6\xfa~@t\xb
e\xc93DO\xe1}!\x16 \xd8|
VX\xf01\xef\xfb*EI\xeb\xb7\xbc\x19\xe5\x04\xd3e\xb8\xb4\xa5\xdc\xfd-
\xc2\xd8\xc6\x91\x88q\q\xc0\xac@\%a\xc0*\xa0\xa2n;
\#x10\xb4\xc9!)d=U4L\xe2\x95\xf0?
```

\x84\x00\x1d4\xeb\x03\x0cw\xaa\x86\xde`Kr\xf4\xcb\xe4\x08\xf1MY\x15\x93r*\

```
xdd\x86\#\xc4\xd2\x04\xa7^\x0b\x9av\xcd\xb5\xcf\x1a\#\r\xe5\x07(\xaf\xb8\xbes 3\&\x88\xb6_\xecr!g\xda\xfa\xa7|\xe5\xf9$4\xa8\xf0?
```

 $\x37\x91+:xNu\x02`l=Zv\xeb"\xab\xbe\xa0\xd3\xf0\x82\xb4\xa8\$

 $\xcd\xea\x129db\xd6\xf0>\xa7\xeb\x14\xc2\x1d\xee$

 $x91x9bxcfx15{x12Fxe2xf4nxb6Bxb4x8c+$

 $x0b\\x1e\\x1b\\xf5\\xf2K\\x0f\\xca=#\\xc7L2\\xe5\\xa7N\\x8aMT\\xd7\\xec=+$

n\x87\x1c\xb1K\xa7J"\xe9\x93S\xa2\x87\x82\x12\xd4\xd0\x0c:

 $\xd4\xe5\x1a\x03\xbd\xabG\xa3\x1c\xb1\xb7$

 $d\x1d\xe9\xcd\xd1\xf7\x82\xcf~\x8b\xd5A\xe31\x186\x90\x04g\t\xbb\Yn\x91\x9pF\r\xb5\x90\x83\x0f\xff\F\x8e\x7f\x0c\$

\xb1F\x0eV_\x0e\xce\xe7X#\xc5\x05I\x99V?c?\xc5\x98\xdc\\

 $\x = \frac{x95}{x17} \frac{10}{x06} \frac{x83}{x87} \frac{1}{xe6} \frac{1}$

```
xc9>xca\\xo3\\x0fDg\\x0fT\\xe23\\xc4z\\xb4#-
\color=0.05(\xb7\xaf\xf3\xc67\xd2\xd8\xdc\x83\xa3=\x92\xfe\xdb\x121\x14\xc3\xf1\xe
d\x10-\x94*\x08x\xd7\xa8\xbb\x8b\xd4\x12\xac\xa9\x0e\xc0\x8a?
ae\xe1\x1f\x1f\xdd)\x14\xd0\x0f\xf1\xe7,\x98G\x8c\%\xb9\x06Am\xc3~\x0fh-
\xee\xee\xfa\xfc=\x05Q*\x14
eA\xb3G\xd1q\xe6\xcd\x83:U\xe0[\x86\xa0\x96\x0c\xd7\xc35~\x02\xac\xe2\xa7
\xf06\xa5\xa1\xe1\xc5\x06\xbbRf\x83\xc4hL\xe4Q4\xf4\xf7\xadW\
f5\x07\x9b\\[\x91\x95\x03\xe6\\\xc6\x0e\xe4\x0c:r\xd6\x97\xfd\r%
\x8fI*\xe0\x11if\x9f\r\xb7\x07\xdbaS\x03h\xbb\x07\x10*\x9d\x03\xbb\xf9\x8d\\
\r\xe3\x86_\xe5\xe2\R]%Ptt\x06\xe1H#f\xd5\xbf:\xc5\x0fAt\xc7!
\x06w\xdf\x17 R5\xf1\x18\xf0\xe2\xe0\x94S\xdc(5s\xb8\x81%1\x10\x16\xc3|
%&\xa7z1\xf00N\xd7\x80\x08\xf7&Z\xc1\x13\x96\xe7H\xed\xf6\xa7ZPO\xc4\xa1
\xdf\x1d\xa3\x9a\xe7\xfe\xe5\xe7\x97\x0c\xe3\xa8\xebI\xeb\xeb\xb3\x1c\xe97=f\xe3
ni1/t\xad\xb9\x0f\xf7\xf8HG[\xad\xa2\xa1\xdekJ\n\xd3\xc7\xc2\x07\xc4!!
x12\xf1\xe4\x81\xcc\x9c;\xa5\xed\xf3\xa4\o\x0f\xfa2?
\x e^{x8d\cdot xdc\cdot xad\cdot xben\cdot xf8\cdot xe9\cdot xad\cdot x84\cdot xd8\cdot x98^{xe0t\cdot x9d\cdot x03\cdot xfa\cdot xe4\cdot xa4\cdot x0}
8F\xef\xad\x16\yf\xc\xd5\xc7o\xbd\xa8\x82\xd0\x82\xcb\xa6q\xda\x16\xf0\x
be\xbe!\xd8\xaa\xb2}\xda!f`|\x12mU\x9f\xb9\x01\xf1p\xf8{|
\xf3\xe0\xa68\x82\xe6&\x9e\xaa&]
\xd6\xcbZ\x95V\x80\xbf\x98=Y\x1e\n\x91\xcb\xdc\xb7\xd8\xa5\xbd\xa2\r\x92\x
dd\xf6\x03w7\xae\xe1\x96\xf1\xa6nC\xf5\xbb\x08\xbb\xdc\xc9\x104\xdf0\xf8\x
c8/xe0/xf4/xcb/x1a/t/xc8N=xda/xc0/x86su/x93x/xed/xd9"W8/x9a/xaez/xe1]T/x
a6@w\x8d\xdd$\xcf\x16Z}
\x1f\x98\xedQL\x88\xb6\x10\xf6\xfe6\xd8\xf0\x07\x1c\xd9\x80!\x04\r\xef?
nLI\xf0I^x12\x9b\x81\x8f\x1d\x1d\x15\xee\xb7?kb\xb1w\xc7\xee\xbbo\xf0|[\xd9\xd9\xd9\xd9]
\\x87\xe8g\xb1\xe6\xf6\x85c\xdf\x02\xe8j|!WS\x01@q\x9fG\x9c#\xa0/
Su\xb7\xac\xc0\%\x80r\xba\x90\xdf\xce\x89jt\x1c\xa5\xa7\x01\x06\xbf\x9f!
\x8e\xfd\xe3x\x98ag\xea\x10\xf5\xaf\x96\xddLQi)_\xdf\xa4\xfe\x8e\x9a\x0b\xc1
\x f3\x df\x f1\x ff\x 11\pr\x bc^a\x db\x 1aco\x a8\x a5\x 85\x 86\x 86\x a6\
<g\xb5M\xdf\xb2\xd9e\x86\x0f\xed\xa82\xe2\xe2N\xf3y\x9e\xea!
\x = \frac{x}{x} x + \frac{x}{x} x +
5\xbb\xb0g(g\x9b\x8a\\\r\xa9\xef.l\xcaG?
\xc8*\x0eN\x86\x9c4\xf2(\xb6\xa1\x9d\xf7X\xf5\x9c\x07f\xfb\xd04l\xd6a\x86a\
xca@\xf6\x84I\xd3=\xda\xc8\n'\xec\x91\x03R\x95``\n\xfb3\x8fn\x12\xec\xa4\x
d5\xe0\x8a\x91f\x1f\xfa\x19\xf49\x13\xe4t\xeb@\x9d\xc1\xb8\xb4\xe1y\x83\xd8
\xc1\x16<\xb6Wb\xa5\x02h\xfe~
\x17\xc8\xe66\xo2\xebi\xf6\xaf\xef8\xd7\x8e\xa4\xbd\x83\xa7C\x9d\xa1d
xe3\xe5\x9e\x94\x90\xb1\xf0Y\xb3\x7ff\t6U\xcb0Gz\xee\xcbD\xe1
\xd37\xdd\xberL8mG.\xe8\x8f\xa6<
\x1c\x9a\x93\x89\xa2\xa2\xdaR\xb5\r\xc4\xd3\xc2\xeaA6\xb3\xd0\xbf!
\xafN\xb8>\xd3D\x80\xd0A\xf4\xb98\xae\x8f\xd3\xfc\x95#\xb4\xb6bpw5\xb0\x
f0\x056\x94\xe7\x8dV\xad\xfa\xed{\xcbl\x99\xdb)\x8f\x13\x02\xcb|eM\x10c\}
\xspace{1.5} \xs
```

03\$

\x1a\xe5\x13&\xeb\xc2\xb0\xc6\xe9\xe6D\xa1\xa995\x90\x8d\xe6\x17S\x1a8k\x 04\x8a\xb5\\

\xa2\x88\xb8C\x9cfZ6\x8a\x9e\x02\x8e|\xd3\xc7.|

 $+ \times 80 \times 6 \times 85 @@\xec^\xf2Ps\x91\xb7cf\xe2\xb8:4q^{x} a8\xeeqt\xc9t\x81\x86\x8fS\xe3\x12l\xcf>\xbf\x8c\xb2\x08? \\ \xf0Wq\xc4\xeeZ\xe6]FdJ$$

z8\x0e\'\xb2,`R\xb6\xc1r.\x00d\xf6\x82\xc5\x8a\xe8|

 $\x 8e\xb1\xa2\x92U\x13\xa4\xcd\x15x\xd9\xea5\x12\xf7\xff\x05\xa4\xde<\x9f\xee \x88\xd0\xa5?$

[F\xfc:i\x9dL@\xb1#\xe49\xa3\xa0j\xf9R\x12\x80\xab\xc2\xd4:-

 $\xd5\xfa\xaf\x84\xb5eY\xc4G$

{\x9brN`>\x11\xde\x00\xe8\xb4;\xe2\'\xb1\xb0MP\x11?

 $\xfd\x7f\xa7\\xf6\x16\xb5\xbd$,/

 $\c2\xc2\xc2\xd\xd4\xaf\x82D\x8e\xe6\xd24\xfa\xed\xd2i\xa51\xc6\xa1k\xf8v<=\x0f$

^\xe6\xa6\x9a\xe1\xabIwL#\x8fkc\xc0\x8c\x8f\x01\x03\xb7eMs\x8d\xa6I\x17.\xdfN\xc2t0\x1a\xbe\x8b\x8e4\xc9\xdaZ;\xed-r\x86!

 $x8e'x07\\xba\\x02T\\x01\\xc4\\xb1\\xd7\\xf6-$

 $\x00f\x9c\x8f\x8e\xc1\xf2\xf3\x7f\xd4\xfa\xc1\xd5\x87\x86\UB\x11\x8b\#\xbc"\xe4xc\xae\&:F-\x98\xa2\xaf\xb8,R+\x03\xc1\xfd.B\n\xf7:\xb5\xa0\xf7\x19\xce-$

Gc[\x86 \x93\xc8\x1c\xfe7,\x97\xc2\xda}%

 $\xd7Z\x16\x1f\x1d\x82H\xdf\x1c\xf5\xcf\xbag\xa8c\$

 $P\x9f\x8a\x80n\xf8S\x9d\x1d$

 $kf\x97\xe0\xf5\xfdq\xfdZ\x8e\xb9W\xf5\xc8\x91\xee\x8a\xe5\x97\xce\x98\x17Sr^\xa4\x1cm\xa5\xfa\x1a\xd7\x8d\%\x00\x8b[!]$

\x8b\xb7**\x1a\xcb3\xa1\xa6"\x8b\xb2\xcbE\x9cq\x1e\xfe\xbb\xe2\xb6e\x88\xfb \xdb\xe3\x91\xb2\x8dr\x97\xf6\x99\x92\xcb\x85O&S\xb4\xb2\xb4(\xba\xccn4p\ xd8%

\xeb\x7f\xa8\xbbG\xe9\x82\xf0(\xc95\x96\x96\x8e\x8a\xdd\xd2\xf0\xb04\xb5\x c1Xvn9\x99<qT\xafW\x184\xb0\xdf^\xcb%\x19~e\x9cr\x90*@\x99\xaa? \x0c\x1bI\$

 $\label{thm:linear} $$ \x99t\x84\xdc\x90\x9am\xdc\xf9\x95LE\xfc\xd3e\x04\xa8\xa3\x0c\xe2\ns 9\xbcygI,\xe7,\xd6,\x85\xf2\xaao\x0b\xff0\xb2\x1eM)\x95\x97\xaf\x07\xf4\x98-k=|\x1bo\xfd\x86q,\x9fa\x04dc\G:\x11\x06,\xdd\xa9\x0f\xc9v\xbfS)$

 $\label{thm:linear} $$ \frac{xd5\xe9\x9d(\xdc\xd5\xe7\x8e\xf9\x8d2\xcf\x1dn\xb2\x91\xe4\xa3\xaf\'\xab\x8e\x87\xc6\xfd\xdc\xc0s\x0f\x03\x97)\xe8;\xb7\xe0\xe1yJe\x00\xf4\x98i\xac\xa1\xe6\x8dv\xfd\rg\x149|$

 $\xde\xd9\xd0\xd\xeb\x81eX\xbbN\x83\xdf\xce\x15\xcf\x1f\r\x02\x8f\xc4\xf8.5C\x95\x1e\x9dE\xef\x12\xfb\xc5\xef\xc3$

\xfb\x8c\xc4\x84e\xa2\x90\x8f\xfd\x0c>\x08\xfd\xaf\x83\x81\xfc\xf99\xc6cu\x18w\x7f3\x14(\x05\xd8.a\rU\xc4\x0c\x05%

\x0e\xd2\xcd\x1d\xb6_\xa7\xb7\x02\x8ci\xdb\x95!

\x03\xef\xec\x1f\xa3\x1fe\xd6\xa8J\x00\xe0.\x08|

 $\xec\xb4T\x8e\xa8\x8f\x14\x8f\xc7$

 $\x84\x1et\xd9.\xe6\xd4\x89\xb6\x1a2;H\x87\xa4\xd8\xff]T\x1bvS\xbd\x88D\% $$\xe1\xcfG\xf0\xab\xb7\xe3\xd6=\xfb\xc4,\xed\)$

```
\xd4\xe2\xed\x9d#\xce>\xdeY\xd8@\x10.k\xfe#\xe1\x08!
```

 $\xspace \xspace \xsp$

\x9c\x9b>\xba\xe4.\xef\x9d\x00\xb9\x00\xb35I\xf9\xb8\xb1A\xd1u\xb8\xb7\xe2

\${O\xcb+\x05\xb8\xebZ\xcc"\xe0\x9c8\xd4|

\$4\xc4"\xfaw\x0e\xf6\xbc\xc6\xe0\x88\xd2\x0fG=\x8c\xc3r\$

\xf2\x16\x111jR\xb9\xa9\x806\x8fX\xe3\xc4l\x17A?

 $\label{thm:linear_continuous_co$

 $xe9\x8e\xd8v\x18/\xdf\x1c\xda$

 $x99\xb8Sy6[x\x9a\xae\x03\xe7p?]$

 $\x0c\xe7\x95.\xe6b\x17Z\x84.\x1a\xd4\x0e^\xe1\xf6\xe5\$

x0bx07cx08Wxeexa53xef

 $\label{thm:linear_continuous_co$

 $\xba\xda\x03F5\xb4^\xe1=Z\xe5\n\xf9UY\x08\xb8\xa1\x08\xaekT\xa2\x87\x07r\x07\x96\xa8A!2\xfd\xbbS\xd3\x13!$

 $C\xed\xd3@\x01]M\x18\x95\x04\xcc<\xaa\xc8r\xb6\xb9>j\x7f\xe6r\x92\xd8\xc9\xff\#\xe1\x9eA\xe5\xe86E\xcar\x9b\xc8\xea\x13c\xfb\x0f\xfa\x83\xb9\xd3S<\xec !<\x87\%\xc7\xb7\x12\xd7\x97R\x96\xcd''\xb8\xc2K\xaf\x19:pza\$

x14d~xcefQx82~xc2'x9eYx98u

\xfe"o0\xf0\xfb9\x83t\x82Bj6\x9b\xd3\xe9\xdb|

 $\xd2\xd7\x88vP\xcc*_\xaf\xb6\x89\x8a\x1e\x85B$?

 $\xb3\x1e\xec\x04dc\xa3\xb3\xb4\xea\x9cH5\xbct$

\xdb\xd1\r\xc7:\x0b\xa9]\xd8Y@\xfe\xa6j\xd4\xd8#YL\x1e\x834\xb7W<\\

 $\x17\x94\xbfd\xda\xa5\x99u\xea\xfa\xf5\xde\xb2\x82\xf4\xef\x07-$

 $\x 88 \times 57 = \x 39 \times 93 \times 19Q \times 4 \times 7\times 98 \times 40 \times 60 \times 94; e^x 92 \times 20 \times 80 \times 190 \times$

 $\label{transaction} $$ \x0c\xd7\x94\x0f5\#\x88\x15W\x87\x88\xcbfbrx\xf1\xb0\xe0\xfe\xf3\xb1\x9a\xa7\x80\trG\x8b\xfd\xacb\x9b\xc7\xa2\xd5\xc4g\x8b\xf7\x8dbS\xacb\x9e\xb8\xacb\x96\xabB\xbe\x8a\xcc\xe8:ru\x84\xaf\x07\x94\xb1\x91\xee\xe0\[\xb5l\x8c\'\x8d\xde\x7f\x9f\x81\xe3\x17\xab\xbb\x82\xc5\xf1h\xed\x04M\xa8\xdaf\x17Y\x00\xd0\x84\xc8B\xaa >\x9f\xba\x9e\x8b\xfd\xdaa\xa9\xc3\x99x\x96\xd29uh$

\xba\xca\x9b\x9a\xe4\xc0\x90\xac\xb9vv\x92\xa2\xdd\x94\xe2\x92\x1ds\xf2\xc

7\xbb\x19B\xcd\x000\xa8y\x93?

 $\xdd\xa7\xbf\xcd\xc0\x0c\xc8\x9d\xddC\xca\xef\xbd_\x01\x1b< y\xf1\xb1\xca\x9c\x06\x88~)\x1e\xfc&\%\xb5\x0f\xd9@F)$

= \sim "\x8c\xf5\xa5\xa8\x14\xc1WG\x9d\xd4\x1bK\x0c\xce\xaaN\x1a\xc9%

\xa3\rO[i\x86\xd9\xc5\x01!

 $\xef~g\xa6\x98\xbd2\#\x9c\xbd\xd5\xd5\xa4\x7f\x13\xf9\xa6K\xba\xf9\xc3\xee\x1e\xdbf\xf0$\\$

[`\xb7\xa5\x90Q\xa2\xcf\x95\'\xc2{o\xa5\x01\x10j\x8e3\x9fb\x8b\xcf5\x01w\xe0 \'\xad\x96#d\x0b `z\xffj@:Ue\x01\x9a\x85T\x19q\xf1\t\xf9\xd8\xb5,\x88"\xcfC? \x85\x08q\x04\xd9MY\xd9\xfe~\x9d\x85e4\x17F\x06k\xe4L\xeduo[2.\xbe\x08\x8b\xad\x039\xf5O%\xf8\xc9\xdc#B]

\xf1\x08;\xe7@k\xdf\xf2\'\xe4q1>B\x9a\x05\x18\xdcp\xab\xe3\xb4\xb7H\xa4,\xe 9P\xd1\xf1\xd6\xd6\xd7\x01YRt\x8f\x98\$\x0cXp\x91\x93\xf2g\x03\xcb \xfd+ \x9a[8\xdc\xe3\xe7\xc7ux\\}

 $\x 4\x 6\x 18\x 4\x 129*6\x 19\x 8\x adzr\x 3\x 99@\x b0\x a 4\x cd\x 12\x d8\x 86\x c5\x df*\x 1c\x 8b\x ed;$

 $f\x06\x11\xb8>\xe1,\xdd\x11\xc0\xf9\x96a\xa1m\xc4I\x16X\xfb\xa7\xbd[\x12d9\xc9\xe9\xc3\x7f\x01\xb9\xe9\xc2\xb1\xbaDA\xeb\xd0\xac\xe0\xb5\x80\x19\x82\xbd\xd2\x97j\xf9\xc3\x1c;"\xf2G<\xfb%]\xed\xfe\xb3\x90\xd9\x92\$($

 $C_d%n\x16\x8c\xa59w\xf7"6\x9bW\x89\x91\x1f\x7f-$

>*O\x8e\xd6\xc3\x06\x0b\xfb\xac\xbe\x03CJ\x8eg\x1d\xfb\xb9\xfd\x82\x91 \x12tk\xa0\xeb\xdd\x8a\x93\xc6\xae\x97\xc8\x8e\x10\xfb\xfe\xc9\x86*\xba/ \xf8\xdf\xc3\xa2c\x19,\xb5\xed\x12\xba\x94\x83j\x17[\xa4\xc1\xd7\x93~\xb2\xea \xf0\xd0\x16CQ\x85\x13\xe4`E\xa1\x11#\xeb\xd7G\x85T\xb7p\xe7\x0e{\xb7\xad\ xdd\xf6\xab\xd1\xef\tj\x85\x9dP\xfd&\\s-\xcc\xf12Z?}

 $d\xda\xdbn\x93"\xfc\x0e\xb6\n><\xd7U\xe7\'\xd2\xa2E\$

 $\xonumber \xspace{2.5cm} \xspace{2$

 $t\x04\x87m\x14w\xc3\xff^\xa6nB$;

 $\xdf\xf4\xee\x8d\x8d\=i\xa8;\xac\xe0F\x86\t\x19y\xe1Q\xe2\xdc\xb3\xa2\xd2>M\xec/$

 $\x04w<\xa7\xa0m\xeez_O\xf6\xe1\#'\x1dgU\xdb\x18\xaa\xcd\xac\x07\xe1\x13\x88/p\xdf\xbb%A|\x11\x82\r\xecd]$

\xff\x10S\x9a\xb7\x90\x97o\xaaa\x81\$

 $\label{thm:converse} $$ \sqrt{x} - x^2 \cdot x^2$

{y\xc8q\xf8#U\xaf\x94\xdd4oi

 $\xec\xfex\x17\x92\x9b\x99pn\xe9\x81\xdc\xf1\xd1\x16Z\xf7)\]\%$

 $\x192\xf3e\x0bh\xd1<\xc2\xda\x81Y\xb8k\xe7Q\x97\xa3\xa5/~\x93-\xaeW\x92-\xdd\xa3\xcak\xfc\xb2\q\x93z!\xa3J\xa6\xbe2\x93z\xf6\x04!$

\x98\xba\x89\xfe\xa5\x19\xc9\xa2f\xfb\xb2\xd2\xa7\x8d\x85\xd5\xe3\xcb\x05\x 81\xa9\xdb\xe0\x9c*\x94\xff\x0bE\xdb\xc9\xbf%\xff\'\x9b\xa3!

 $\xed\xbaGG\xb2\xo2T\xd9\x1c\xc3\xc6\xc3\x8f\xa3G\x19\xcd\xc9$?

\x8a\xfe\x0f\x88\x877\xbf\xddc\x9e\x19\xa7

 $HF4\xe9\xfb\xbaS\xb2\r$

\x1a\xe2\xd3\x991\x05\xb2\x13]\xfeb\xbb&\xe4\x8d\xcbr/

\xf7\xd6\xe4\x0c\xb5\xd4\x9b\x90\x9c\x88b\x1a&>\xd9\x9a

```
\xdd\xba^\xc0\xfe\xe2L\xa3\xef\xc2G\xb7_<\xddF\xbd\xa2\xff\x1a3\x9e\x80\n\x
b9\xf5\xb2\xe1\xd7\xeb\%\x05\xf9\xc6k\xdb\xb6\xd6\xef?
\xf06Pf\x13]\xb1\x1d\x81\xe9^\xcd\xc9=\xf2\xef\xfah\xfb1\x9f\xd2\x8c\x05\
x7f\xd2~\xee\xd3\xa7\x05T\xa6\
\x16M\xc5\xb7\xbaB\x06\x85rX^\xe5\xed\x07\\x91\x05+J\x17\x8d\xcd\xf5PU\xf
asl\xa0\x9a\% \xfd{\x99\xf7\x0c\xdf_\xf7}U\xa3u,m
\xe4\xb8\x99\xe1D4\%sS\x9a\xb2\x89w\xdb\\\xbD\xf2\x18Z\x9f\x91\xd80j!
c\xe7\xc80\x1a?
8\x8eI(\xbb\xb4\xd5\xb3]D'I\xf7\xbc\xd3}\x97\xe7\xe0\x91f\xd7\xac\x1a`\xab\x
d8\x01\xd4$:3\x15v\xaew\xc9\xfb>\x83\x93\\
x80\xed\xf4\xb9\xoe\xe9\N\xd2\x1a!\xe1\xbeg\xaa\xea\xbd\xf8\x93;}
T\xccL\x1f\xd5\x8b\xdb\x7f\xc0\xf9\xb4QI\xb2\xae\rZ\xb3\xf8\xa9cw\xe3\xc0\x
9c_*c\xaaW\xea\x93K^&2\x8a\xf1\xb5\x16A*9j%\xf1\xa9J\x1e\xc1\xac-
\x01\x068?3\xa5\x93\xa5\x9c\x13\xda\x80_\x94hw\xa0\xa5Vd*%~;\\
\x1f\x1by\xcalJ4om\xb07\x17\xa4"[;\xef\xdd#E]
\xd4\xcd\xe8\xa0\xab\xdcW\xo1\x81\xa4\xc0\xe6\xfe\xc2\x18\xa9\xb\xfa\xde\xd
8"\x1d\x0f\x8a\x97\xc1\xbe\x07+X~D\xed>t\x9e7\x0c\xc1\x1fz\x82E?
\xf4\xd3\xf6\xdbg
t\x9fw\xc6\x83\xb0i\x80Dxi\xb0^\x80>\xf9\xba\xe1dw\x92\xda\xa0!
\xb0\x06\xfc\xfa\xf7\xb2Ri\x82r\x12\x1d\xde\xf8\x9a\xb6X-
\x^{f}%xdf\xea\x01O:1\x80C\xe9\x82\x7f\x1d\xe4\xd8\xb4\xfc=F2\xebg\x00b\n\xd
4\xcd\xf4C=\x1cxYA\x01y\xe84\xdf\xf1K\x04\x16\xfd\x9fu:\%
x1f@x97sx01xe4x05xfeTxfa xf2xbexd6{x9cxxa0?}
o\x1d:Y.C\x90\xa1\xf5Q\xdb\x18\xc4\\
\xf7R\xe2'\xd6\x9a\x83\x10\x9e\xfdjB4k34\&D\xe4AT\x9f\xf8\x14,\xd6M:
\x = \frac{x9}{x6} + \frac{x6}{x00} = \frac{x9}{x6} + \frac{x6}{x00} = 
xf2\nx12\x99\x85\x9e''\x859\xb4\xe7''TI\xa1\xd5\x87\xfaO\x1b]
\x97\x8e\x08\x10\xa8.<+-\x1e?\xd8Wb#g\xe6`\x0e|\xcd^\xd7\x90|
\x0b\xe6[\x83\xff&\xf0\x00\'K\x80(_}\x8c\xb3\xbap\xf4\xacX N|
\x16r(R\xdf\x08\xa6\xe4\x00b\xf3\x8c8\x0e
\xcaH\x9d8\xc8\x1e\xb4\xa5\x9d\x8f\xfd\xa7\x8a/\x8d[O\xd2\\
\x8fX\xf5\xe2\xf5"\xa8R\xd5\x11\x96\x87\xc5\xdfF\xc5`e\t[\xb6\xf2\xdeS\xc3\x
cd\x90\xc7\x1bc\x14K\xd7\xf2\xf0o\xf4\xe7\xff\x81\x9fD\xee\xff
\xf4\x88\xda\xb2\xb5B\xd7\x10\xf4\xce\x9a\xb8X\xd4\x91\xe5!
33y\xb1s\x94\xc18\xbb\x08\x98u"PN\x06V\x14\xfe)
\x80\x16\xbb\xd1Z\x90\x15\'3\x19\x90\x14\xcc\xb7\x11\x16\xf5\x12[$]
x0b<"x8cMR\\xb2\\xca\\xfd\\xe4\\x94\\x0f\\x92\\xbfb\\xf0\\x94\\x84]\\xb3\\x05\\x1a\\xcc
\xc8\x12\x91\x97\x13c+u\xa8S\xce\xa8\xa1>\x1d\{\x1e.
\x81\xdcR\xd4\x06#\x8a\xe4\xbc\xdal\xa6\xfe\xe9\x86\x0fki\x99\x062\xab\xfa/
\x1d\xba\x91\xbd\xc5\xdcY\xfdrQ\x90\xaa\x8c\x83i\x0e\xf1\x81\xe9\x8f[\x94\xd
dr(xf1)xa5(xab(x1b)x01w(xe1-HR)xad(x8b))":\xf7v(x1e,
\xc5\x91"="z\xc7\xc3\x01#`#\xdb^\x7f\xca\xc04\xee\
\x0c\xa2\xc1\xf2~\x9a\xb7g\x9aE`F\x14\x1e\x86\xb5\w$
x8b\xf2\xd5\xe0$y\x84\xf8\xf5?\xb6\xc6z\xd1\xed\xd4}?
\xdb\x8f\xb6\x8a\xf7Z\x97p\xba\x04\xb4t\xb4\x06\xc1?
g\xdb\xbbJ\x16\xb6\xe1\xd4\xa2\xad\x80\x9b(r\xac4\)!
```

 $rc\x8b\xa3\xf5\xf3zm\xb3\xe1\xa1\x0f\xfc\x0em\xc2\V0\x8d\x82\x05\xa5\x1c\xaf\xce\x97\x98\x1d\N\xae\xe0\x83\xe2A?\x05\%$

`^\xf5\x9a\x93O\xa0\xb9n\x00s\xbd\x1fU\x9e\x7f\xf2`\xc8\xeb\xa8\xfa\xfc&\xcb\xbaQ\x01I{\x07\xb4\x0c\x11\xc9\xcb\xdd[2\xb2oi1g`\x87A`#\x15\xac\x1f\x9b\xf7\xeb\xe7\xc8#q\xd5r0\x98\x85v\'\xe3g\x96\x1ae?

 $w\xca\xb0\x8e\n\x1c[\x1c\x90-$

 $\label{thm:linear_continuous} $$ \frac{x99}x99}xbd\\ xaa\\xd5\\xa7\\xc2\\x16\\xa1\\x9c\\xad\\xb6\\xa6\\W\\xfc*\\xca\\x84\\JgM\\xbf\\x91\\x81\\xad\\xefX\\xfct\\x01>i\\x90\\x83!\\xfb2wA\\x9e3\\xb1\\xeb\\xa8\\xa2,\\x92\\x93\\xe7\\x13[\\xd2hy\\x0c=\\xf3\\x0f8e\\x9fQ\\x83\\x9aNAt5\\x8aBf\\xfa\\xc3Z\\xe9"\\x81\\x1f\\t\\xc8\\xd8\\xe6\\xda\\x99\\x1f\\x19\\x12\\x07\\xe3T\\x12J>\\xe6f\\x8e\\x1e\\xab5\\xb9\\x91\\xc9\\xdcM\\x10\\x1c[\\x95\\x85\\xdc\\x87\\x9b\\xde\\xd7\\xe6\\x0c\\xda\\xdd\\xa6\\xa2\\xd4\\xd1\%\\x06\\xbe\\xac\\x15\\$

\xa1&\xf8\xa2\x0c\x01@\xffR/!\xa5\$

 $\label{lem:hamily:le$

 $\x94\x99\xfc\x91\xa1\xb2\xdb\#\xf7\xe7\xfb\x04"\xa7\xeb\xd9I\$

 $\x1b\xfc<\x01\x80M\x90\xdfY\xealH\x06F$

 $\label{label} $$ \xc6\xbe{\x11l}\x05w\xe3q\xdf|\x13\xbc\xc7\xcd\xca\xa7\x9bU\xcen_A] $$ [l\x03Z\xab\x0b\xb0\xdel\x8f\tP] $$$

\x1e\xd2\x15\xdb\w\xfe\x03\'iL\x95\x8c\xdb\x1f\xad\xc8G\xf2\x89

 $TK2(\xb6\x95\x17R\xd74\xa0h\&_\xb1\xbe(\x82\xcaC\x15\xef\xb3S\x0b3m\xbf\xb7nkC\xc9\x91\x001R5Gi\x99A\x0e\r\x11\xab\x04\x0b\xe9\xba\xc0V\x9c\xca\x93\xbf\xa1\xd0*@z*\xf5\xf5\xb8\xe7<\x7f\xc02#\xe9\x9a\x8e\xb9\x0e\xfe3\x01\xb4\xb8\x05,w\xa4R\xcb\xffb!e\x1a\'\x00<\xd64\x15\x9e?\xe2\x12*$

 $\xd9\xb0\x12\#\xa9\x97\xc8\xb6\xbc\xd1\x02\xbcB\xe1_W\x08r\xeea!$

 $x8f\x05\x05\x1c1!\xf2\xcf\xe87\xe1c\xe7=P(x00!y!\x8d\x7f\x11\xe4?$

 $\x 2\xc7\xef\x9a\xaa\xd1\x90i\xe3\&\x85*q\x01\xd9\xa4k\xd9\x8d\xbd\x19\x86G\xd7\xd3-KE+\n\xb643&\xb7\xef\$

\x139N\x9c\xa3\xd8\xe1\x1c\x95\xad\xf3\xc0S\x7fK:!\'\xc1+

\xae\x8c\x01&\xdc\xfc\x19\x93\%\x8fW\xc3\x0b\xca\$

```
\x080\xeq[\t\x85\xec\x07.\x0fi\xbaz]\xdd)\/\x86\x83\xbbg\xed\xdf-\x91\xf5\xb3\%
\xb8CK\x9c@e\x875\xe1\x1b2\xbd\xa1M\xb2\xcb\xb8\xf9\xbb\xb5\x126U\xa8\xa
c\xe9\xaeo\x93\xfa\x94\xebD\xf3\xd4\WZW\x86s!
\xd3\xd5\xc3\xca\xa9h\x05sX\x07+\x1aZ\x7f\xa8\xc4\x87\xbd\x11\x93f/
\x17\xf4\xffSR0\x03\x02\x80\x00\xccX)\n\xa65\xdaG\xed\x84\xd4tq\xd0\x8c\
\xbc\%\x16\xbdx\xdcX\tf{\x169\xc2\xcf-\xa0\xef\xda9\xb2\}
\ \^\xd8\xcb9\xc1\xdd\xbd[z\x03\xad&\x1e\xe4\x1c\xbaC\xe9\xde\x7f\x137\x0e\xd
f\xc9\xdbz\xa8^\xd9\xd4c\x9a\xa0>\x00Ner\x91/\xd0\x88<\xc9\xd4C\
\R\xd1''\xae\xb4\xab>\xda\x87\xb7H\x80\xb3\xff\x7f\xfa\x0fwT\x95\xaf\x01
v\xf0y\xb2\xf3\x95\x1f\xa5I\x0f.\xd6\xbb9\xb3\x88\xc0\xa4\xbc/
\x8ee\x8bO\x97#\x19\x99\x8d\xc2.@+
\xb7\x92\xae\x8d\xcd\xa8\x0c\xc8o\xa2kY4\x84\xa1\xb2\xec\xf2\xf4\xacT\xb4\x
e9\n\xcd\xfd\xab\x80\r\xbb\xf4)\Y\xa4\xe3y)
\x17\x19\xaa\x1e\xb0\xba\xc4\x07\xae\x99\xf5u\xb3\x12\x92\xfa\xe9\xd5T\x9e\
x0c\xd9\xd5qG+\x1f\x07z\xdd\xb2\xaa\xc6\x85/
OI\xcfI[4\xd7\xf5pm\xdf\x1d\xdb\xa2\xc3\xf8Pe6S\x85\x87Z\xd5\xf2HB\x1bz\x9]
6\xe4\xe0\xd2<\xad\xb0\x18\xe0\xc0\xb1\x92\xb6\x05\xb5\x8b~/
\x8b(\x15\xd3\xc1\xd5\x02\xc9\xa5\xef\xf4\xe3\xdcY\xee\xeca\xf9z\xc8jD\x1bO
qx82/xdfxc7xfftxcfx97x8bx12xXFxc4vMr{xb5}xb1xf4xac4xc4Zxc3ex1
d\xead\xb9US\xb8N\xa0Na\x00\x0cF\xc6W\x01\x85\xc8hQ\xcbk\x8bW|
\xa3\x94*\x0b\x9a\x07\xd2NS\xdc\xdc5Y\xb3\xa39-\\
x90\xfb \x88T\x11\x88\xdd\xcc\xa5\xa2\x17\x95\x1fy\xad+~O\x8a''\x8c-
O(xd9)xd3,\xee_<u(x02)xd7(x1a1)(x98)xa5(xebD6)xf8](xde_(xbdW)x88)xebD*(xbdW)x88(xebD*(xbdW)x88)xebD*(xbdW)x88(xebD)xxd9(xbdW)x88(xebD)xxd9(xbdW)x88(xebD)xxd9(xbdW)x88(xebD)xxd9(xbdW)x88(xebD)xxd9(xbdW)x88(xebD)xxd9(xbdW)x88(xebD)xxd9(xbdW)x88(xebD)xxd9(xbdW)x88(xebD)xxd9(xbdW)x88(xebD)xxd9(xbdW)x88(xebD)xxd9(xbdW)x88(xebD)xxd9(xbdW)x88(xebD)xxd9(xbdW)x88(xebD)xxd9(xbdW)x88(xebD)xxd9(xbdW)x88(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd9(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0(xebD)xxd0
8d\x0cz\x88\x8e\x9b\xcd\xc6<t\xc21\x19B\x7fH0\x15\x84\xfd\xd87\x84R\x83\x
07#;\x01]w\xd5\xae\%q?
\xfd\x7fOK\rT\xc8\x85\xbclx\xe7Z\x83H\xbc\xd06\xa5\x95\x00\xed#JY\xd2\x85
\x14]\x89\xd2\x0e\xae\xe2\xa9\x82\xb6e\xccP\xa5\xf4\x19\xba\x16\xa4\x86\xd
4\xb8\xc9qY\x0b[\xed\xed\x03\x8b]+\xaf\x80\x8d\xca\x88i\xad\xd1|
\x12\xf2T@L&\x18\x1a\x82\x13\xbd\x16R\xc3!
x1f\xa3\xbf\xfe\xc2\xb1\x18\xb8\xf3C>\x1a=0\xcfR\xc9\xe1g\xb2\x94Y\x8c\x10R
\xe3G`c\x99Jf\xdc<\xa15\xc4"\xdf\xe1O\x10J\x8c@T0\xee\x1c\x17b\x0c%+
\xaa\x11\xc4\xbd\x8a\x95U`3\xee\xf5\x83\x17#h}
\xef\xdc\xab\x02\xc3b\xfaM\xce\x17\x89/
\x89=j\x10B#\x11\xfa\x1e\x03\xf2\xe5\xc3\x02F\xa2\x83\x81_\x825\x14ag\xdf%
KE,hF^{\dm}'\x9b\xf9\xe8\xb0\xaf\xa9\xbd7\xcb\x85
y\xe6\x16e\x0c\x19\xac\x06N\xd7\xfe\xc70\x95\x80_\xfc\xe7\xb5x\xc6\xafW3\x
dd\xe7\xaa\x05\xf0\xebp\x8c\xf8\xadi\xccf\x05,\xce\xc6+\t!
\xe3\xdd\x89\xdf\x8b\x0b(D\xb0\tl\x8b\x90\xc3\t
wd\x852\x0c\x05\xd6\x02\xfeB\xee\xec\x9b\xa7\xba\x97\xba\xbe,
\x7f(\xc7\xd37\x15\xe1@?
\xbei\xef\xf0\x0e\x15&\xd7zIJ\x0cA\xec\r\xe0i\x9c\x87fz\xa8\x9b9\xf5\xce*\xed
\xf1\x9a\x13\xb5\x8b{\xc0\xa4\xf8\xa3\xebh\_vP\xb5\x9a\x15\x1f\xa3\xf5?}
\xff\x7f\xfc\x05\x8a9\\
\xe9c\x08\\x02\x14\x1d\x87\r_\x94\x9a\xcbO\n\x95\xa9\xed\xe3\xb8\xdcz\x96\
xcfV\xdb\xba\xe9f\xa2lin\xfd\x95B\xa2\xbdJ\x17\\x11\xe8\x99\xa9Y\
```

 $\xe2ww\xf7\x9c\xd5\x1cR\xac\x92\x01\n(\xff\x03\xed@)\xeaxD/$

 $MI\xbf\xa6\x19\xddB\x89\xce\x88\=\x1am\xde\$

 $2\xddJ(t)x0fnW(x1fQ(xe7)xbfw(x1c)x17(x1c)x88(xd2n)x86(xe7)xa5(x13y)xe7(xdd)x(xc04=(x0c)x07)xae(xc4k)x9d(xe4)x90(xe3b82)xcb(xfbl^X(tV)x06)x0f(xea2)xb7(x0e)xee((x19)x10)x01A(xa8)xa0(xdb)x04(xf0)xdd(xbf(x12)xf7)xd9(xfeyy)xbc(xed)x8b(xc8)xe7(xcf>(x88)xd8i)xb7(xcd3)xa0j(x8e)xbc$

\xdfS\xe5\x18\x1c\x01T8\xa0\x92\xa9aP\x7f\x8f\'\x8f8\x8cNu!

\x19\te\x0b\'1~\x1ar\xaf=U\x93t3\xa8=\x1bmf\xa4\x97\xec\x89\xf1*\x1dj\xc9\x81 \xed\x98\xeeD\xe3\xc1\x98\xe6\xba\xf6\x9f\xffks#\t\x8e\x81\xbd7S\xd4\xc7\xa 5\xc2\xaa\x86\xa0<\xf51L\xd96\xa6\xd3\xe3\xc1d`\xcf\xfe\xcc\xd1\xd1\xfdn\xb6 \x9f\xd1\x007\r\xc9\xc2\x80(J\x14\xcb^74\xd7\xc4k\xb1\xb9\xc8\x86\x02% \xbf?

 $\c2M\x1bzoOy\xdf\x11\x15\x05[T5]$

j\x95\x95ABQ\x83\xe9\xc00\xc4\xd5\xcf\x9b\xaaV\$

 $\xfb4L\xb6I\xbf\xff{\x98\x81\x8c\xb6\xba\x7fu\x7f\xe0!$

{VN\xe5\xcc\x8b\x8e\xcc\xe6\'Y\xc7\x90\xc0\xee}

 $p\xcd\x7f\xa4\xe5\xf8\xe6\xa6=\xd0\n\xbd9\x95\x9cg\xee\x90\x9b\x12u\$\#\x06_\xbdY\x9b\xc4\x87\r\x13\xe3\x96\xad\xd3\xfc\sim\x91\xe5\x08\xa14\x07\x89\xad\WJ=/\x1c\x8fN\xac\xe9\x1b\xa6\xec\x17\x9e,\xeb\xbc\sim]$

[\xe7H0y\xb8\x18\xa3\x98-

 $jP\x10\xf7\x0ew\xefd\x80V\n\xbe\xd14\xcf\xe5\xe3>\n$

 $\label{thm:linear} $$ \xa0\xd6\xb7\xa1\xf1\xa7A\x8a\x15\xec\xab\xf4\#\xc2\x97@\x1c\x83\xd9Q\x8b\xb4X\x18"QI\x98I\x88/\xf10\xb2\x95\xffe\x977\xdd\xf7\x13c\x1e\xd6jS\xd1\x11\x9ct\x96\{\x1f\xf5\x88\xfc\xca\xcf\xe3\x92J\x95\xa0\xa8\#T\xe9\xd8s\x8c?$$ +A\x1c:n\x8f\xe6I\x1f\x90\xff+\xfe\xdeO]\x00\xe4u\x8a\x16\xb6\x9e\xc27m\xa5\x8c\xa7:\xd6\xfe\x94\x8d\xbf\x9f\xb2\x8d\xbf1\xb8\xf7\xcc\x8d!$

 $A \times 94 \times 04: \xdf \times ca \times c4) W \times e0 \times 90 \times 87; \xdf \times c9 \times c2P \times de \times b8 \times e4 \times 85 w \times 8cR \times b4 \times e9$

 $\label{thm:linear_control_co$

 $\x02E\xb1nc\xd5\xb0\t\r\x04\xcao9\xbf?\x0b\x08t\xbfY\x05\xcf]$

 $\x 1 < x 80 \\ x 6 \\ x 96 \\ x 91 \\ x f 7 \\ x 0 e \\ x b6 \\ x d2 \\ x bc > x d6 \\ x 12 \\ x ab \\ x 9 f \\ x f 2; 1 \\ x d 5 d \\ x c f \\ x 0 c - x f a = x e 7 A \\ x a 9 \\ x c s$

\i>a\xf5k\xd8\xd8\xd8\xd8\xd8\xd8\xe4\xbcY\xcd\xdd\xc6!

sl(xe9)xbf(x00)x96(x93;(x11@)x91)xe0g(x9e)xd3(xdcp)x98(x85)x02w(x14)xd5(xeR[(xa5x0z)x86)xf2(xb3)x97S(x99)xcd(xe1)x9a(xc6)xd1(xb3v)xfc(xe3)xd9(x7f)xa7(xbc+(xcbZu)xea)xec(xd7)xe3(x9fW)xfd(xac;(xf2)x03QGY)xbdQ.

 $\label{thm:linear} $$ \x05>\x1f\x86\x06\x8c\xf3T\xe3\xb7\tf\x98\xc8P\x0eN\xc1\x0cY\xa1\xf1\xdbe\x01\x91uA\xfeQ\xe6p\x1e\x9bP\xdaOY\xc7Q\xd8\xa4v\xdb\xcf\xa1O\x02\t\x85\xda\x12\xe9\rZ41\xa1\xea\xab\x8e\x16d.$

 $\c 4\x ee\x ed\x bb\x c0^4\x fa\x d1*\x b5K\x dfoO\x b6\x 1f\x 04\x 15f\x 7f.x\x 83\x b7,\x 98?$

 $\label{thm:linear_condition} $$ x06T\times 6^xa1\xb5\xc7J\xb1\x1d\x8a\x97\xee\xc9bGEI\xf0H\x7f\xa8\xda\x10,\x0 c\x96b\xcc\xe4e\xc91k\x1e\xa3\x05\xf0\x95V\xcfFQ\xf7\x88\x1dF\x99\x80U\xc1\xd0\nD\x1a/$\xa1p\xdb\xe40V\x91\xd9\x1f\xb98\xd0\x85|$

 $i\x88\xf7*=pfzQ\xa1\x14\x1cAR\x9f\xdcWqM\xd3\xc0$

 $\xd8m^{\xo}(x06m\x85\xb6\xd9\xo)\xo(x05\xa3\x8f&RQ_y)\xo(x06\xa6\xd9\xo)$

 $\xspace{2.5cm} $$ \xspace{2.5cm} $$ \xspace{2.$

 $\xc2\x1a\xb8v\xc9\Ws\xcc\xc5\x8a\xc7\xa5;\x8e\xa7\xbf-$

\xc3\x02S\xb8\xa256\x8e\xd2PM\x0b\x80\xd5\xec\xfa\x9cn\xd3\xf1+

\x13\x133J0\xd4\x1b\xe3N\x9c\xed\x15\xef\x948\x88"A\xffb\xca\xf10\x90+

 $t\x9cw\xb4\xefzx\xe8\x1c\x15$

 $\label{thm:linear_continuous_co$

 $\xfc\xf7\xb8u\x85.\x9f\x9e\x7f\xc9\xeem\xb5:\x82\xc8\x1e\xae\xf9\xd6\xa7+\x8f\xd8\xa3U\x86\x1b)$

\x16\x11,\x89\xde\xe0\xfa\xdfF\xc3\xc6\x94g"\xd65y\x91\xa4(\x84*\xcd\x140\xf 0:\xd0\x06\xb0\x9e\x88\x83\xcd\xb1RU2\x12\xc5B\xb3|

\xb01;\x92\x93e\x83\x13\xf8}

 $\xf4)R\xce\xd8\x04\xacB\xe5\xb6\xd3cV\xd2\xa9"/\xa2$

\rXF\xd8\xf3\x1c\xe3\xbe\xd3\xe0F\x98\xfe\x15\xe1

 $\x9cD\xa8\x95\x9a\x1f[\xe5\x94\x99\xde\xaf\xbfw;$

 $\xfd\x9aU\xb8\xfd\xbfU\xfb\xbd\x8a\x93\xa2\x1e\x07>\xb9\x1d[\tP6:\xbcC\x9b\xc8\xd9\x93\x0f\x9b\xb2\x02\x0e\xc8?$

```
h\x0cV\xb6Vj\x82i\xe7\x1fO*\x04\xb1\xb1\x95\x0cz\xb1_\
\xaa\xbf\xff\x19\xafs\xba\xae\xad\xdd\x89KE\xc5\x8bV\x1ewz~\x14\x8d\xec\x9c
\xd51\x05\xe6H\x89\xc6\xf1\x01R\xe4\xbdf\x84\xc6J\xca\x98\x0c\xef\xf8\xe5\x
bf\xff\xac\nendstream\rendobj\r38 0 obj\r<</BaseFont/Times-Roman/Encoding/
WinAnsiEncoding/Name/F01/Subtype/Type1/Type/Font>>\rendobj\r39 0 obj\r<</
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XIPLAYERO 42 0 R/XIPLAYER_CM1 43 0 R/XIPLAYER_CM2 44 0 R/
XIPLAYER_CM3 45 0 R/XIPLAYER_CM4 46 0 R>>>>\rendobj\r40 0 obj\r<</
Contents 41 0 R/MediaBox[0 0 842 596]/Parent 2 0 R/Resources 39 0 R/Rotate
270/Type/Page>>\rendobj\r41 0 obj\r<</Filter/FlateDecode/Length
2369>>\rstream\nx\x9c\x8dY\xdbn\xdcF\x12}\xd7W\xf0)\xb0\x01\x89\xe9{7\x8
3}\x91\x1d_6\x89\xb1\x8e\xad\x18Y@\xc0\x82\x92\x98\x99Y\xcfp\xb2\x9cQ\x0
c\xe4\xeb\xb7\xaa\xd8\xcdK\x93M\x8e\x1e\x04i\xe6\xb0\xba\xba\xba\xba\xfa\x9c\x
aab\x96e\xd9\xff\xae2\xfaqJ\xe5\x8e\xe1O\xc6r\x16\xfd\xa1\x8b"gj\xfc\xd9\x8d
\xspace{1.5} \xs
xef\xb0\x06\xcb\xa5q&\xdb\xf8\x7f\x8d2\xe9%Uask\xe8O\xcedn\x08\x98I\x9e
\xip 1.0 xf4?\xip 1.0 xf4?\xi
r\d5\xae\xc0U\xe6\xd2\x0b\xe4\xc2\xd6\xa9na\t\xff\xab\xc4\xbaEpIY\x15
P\xca\xb9\xbc0\xe9UerU\'\xfaU\x85\xc8\xb5I\xac\xda\xedU:\x116\xa8\\
\xy = 1\xy = 1
c5Y^d7\xb0\x00.\x02\xbbr\x19\xe7<\x97\x99\xe6\x16\xbe\xb8;d/
>\xed\xaa\xaf\xd5\xcb\xec\xee\xbfW\xf4\xc5\x18\xab\x18a]
\xce\t\xfb\xa5jv\xe7\xe7\xa6:\xb5x\x96\xeb\x08\xefL.
\x08\xcf\x08\xff\xee\xf0\xf0>@\xcd\x18*\xb4\x81\xa7\xd1\rGPasY\x14\x04\xd6C
78\xb8) \x04|\x80\xbd\x17\xc2\x12\x12\x12b\xba9\xb0\xca\x0c|
\x81\xc8\xc3\xee\x1c\xd6\x8f\xb7\x06\x0b\x1aBJB>U\x87\x80\xe4q\x10\n\xf0\x
a1G~\xde\x9d\xff&(\xeer\x8c4\xe8\x10"5!
wu0\x19\xbbi\x83IA\xc0\x0f\xf7\xd2\xaa\xfaq[\xd5\xd7\xe1\t;
\x1b\xae\xce\t\xf0^)
\xe5\x83\x10o\r\x1ewpc\x95\x0f\xd7\xed\xbb\xd4q\tG@\xed\x8f\xabw\#\xe4C\xb
cA+\xc0\xef\xfe\x81\xf7\x9f^\t-5s\x89\c\x1ak\xc0\xe3v\x10\xcf\xafon\xee!
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de\x1e\x6?x\xc2\xae\xe1@\x17\x04\xddf\xd7\
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4\x13\xad\x1b*\x87L\xf5\x89\xac\x87\x89, \x91%
\xc6\x03\xa0r\x9c\xc8tbc\xab\x85\xf0Ve\xb0*X"\xcc\xe84\x9a\x05^&\xec\xc7\x
e7\xe6q[\x9e*\x9f\x1e\x11\x01X\x86w\n\xd1\xad\xe5\xdbMSU\x87\xaa>{8\x9b\x
1a\x87\xe0\x99\x00\xff\xebx\x98\xb7\x0b\x9a\x00\xa1A\xa0\x8f2\x98\x82\xc80
!Si\x8a!
QJ/xf8/xd3/xfep/xfb/xe3/x97p*&/xbe/x82/x02/xd3/x03~[/xcfC/xf52/r9/xf4/x04/x
e0fLC\x93\x1b+\x04\xae\x85\xc8vs\xdf%",\xe4\x18\xf7\xfa\x98/
d\x03\x1f\xec\x8a.\xaaN\xf3\x1a\#\xac\x8aym&V`Ur\x9f\x96?
\xbf[\xa0\xd5\x16\xc8\xba\xe5\x0b\x96"K\x14\x07\xc5\x0b\x1f\xd5e\xb2d\x03\x
```

\x8bU\xb2\xa4C\xe2\x85g\xa9\x9e,c\xfe\x05\xb2\xd4\x03\xe0\x9b\xc7\xed\xae\

9\xb4\xd6\xc5\xbc\$\xa9y|

e4\x80,\xc5\x94,%!

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xde\\
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 $\x15\xb3\x17\xba\x88@\x11\xb1\xd7$TxW\xe1J\xb1\xc2\xeb5\xb1W\xea\xb6\xa2\x9a''\xb4M\x14\xe48\x8f41_8\x8c?$

 $s\xfe\xf0\x07L\x18\xdf\xbb6K\x99\xf3\x9b\xff\x05\xa0_\x9bjwJ\xa5\x95\xb6\x18W\xc0\xb7!$

 $\N|\x00E\xab\xca\xa7y\x9cg\x06|F\x02\#\x8bu\xf90\x00\x0cui\x1f$ \x163e\x8e4\xd6_\xe0\x0fe}.$

 $x86\#FGx81xc7{x8exd8Xxe0xf9xe4xb4xe9xb0$$

 $\label{thm:linear_continuous_co$

 $\xc7\xd8d\xdd\xa9\xbc\xd5\xd5\xbaS\xfb\xcd\x87\xba\x93\x99D\x92\xe15\x01\x9brTw\xa6\x99[\x11\x94_\xc0\xdc\xc0TR\xfa+$

 $x15\\x98\\x06\\x12\\xd0\\x04\\x94q%0!?\\x8ah\\x87\\x8a\\x04\\x90\\x0b\\x10).$

 $\x 8\x 04$!\xd5Z\xdb46\xf9\xf3\xbe\xda\xd5\x87\xf2q[\x1f\xbf-

 $i\x06\xa4\x8a\x081X\xd7\x0cIh}\xa9f\xa0q\x1euZ\xd3\xc6\t\xae\xa2\x1d\x00?$

 $\x1e\xcf\xa7\xa720a\x1cc\x8b\xc1Dp\x11\xba\xac\x04\xbb\xf3Bz\xb3-$

\xa9I\xa5M*\x19\x85Px\xc6"\x9c\xdc\x9f\x0b\$\x02\xe9%

 $s\x1b\xce\xcb\xc6\x94\x8bF{\xe4\xa8\xe1(\&\xa9n13\x10\xad''\x82\x9eT\xe7\x18\xdb\xb6\xb5\x0b\x04\xc4\x00\xdb\x07\wJ\xe5\xac$

 $\xc8\x14z\x80\{U5\xfb\x9d\x1f\xaeL\xea.$

 $\label{thm:linear_control_linear_c$

f\xd5d\xd2>\xe1z8\xdbV1\xefO*B\x89\x9bT\xc6\xa7\xb7P\\

\xb1\xf6\xe8\xecd\xdek\x83U\x7f\x15\x12\xbd#\x92\x00N\xd6\x83\x96

 $C\xdb\x15F\x97\x84w\x1d>p\xc6d\x84D\x9c!/$

\xf9\xd3nS5\xe9\xf1,\xddb&\x86\x0c\x1a\xa6\xd9\x93>+

```
\xd8\x0een\xdf#\xcc\x10\xbb\x05\x95\x0fc\x9fM\xf5pl\xaa:I\xa3x\xe58)-\xdd\x91C\xa2\xcf4\x98\x0b=.0N\x9cdV\x8c\xcc\xf1<\xe5\xa5\xc30q\xca\x07j\xe3\xab\x87\xe6\xb9IR\xed\x94`T\xb9\x04\xb1\xe2\x853\xd7\t\xd6\xc1\x9c\x14\x83\xfdcX\x95M]h\x86\xc2\xcc)
```

 $\xspace{1.5} \xspace{1.5} \xs$

 $\label{thm:linear_label} $$ \x85\xfd^xcdQ\x04\xeb\x86T\x8b\x9a\#\xc6\xd8\x04\xeb\xa3\xe6hB\xda\x85\xf6\xa9\x00\xcd\xd1\x94\x07\x83a\xd6\x82\xe6\xd8\x18\xbb\xa09\xed\xd6\xf5\xda\xe0\x0b\xfb,\x04\x86\xc1\xd7\xa2\xe60z\xff''\xd75\x07\x077\x08]\x1f| $$ Y\x0cS\x87\x18| $$$

 $\xf7\t\xa2\xe2\x86RU\x847\x94\xdd\x1b\x87I\xfd\xdcj!$

 $\label{thm:colline} $$ \frac{x_2\xbb\x9733i\xc6\t\xc9C\xb3QR\xf7u\x938\x03\x8631\xce\xc2\x9c\xf7y\xa9\x96E\xc3\x17\xbc\xc8\xb5\#\xa0\x0fCj\xbc\x80\xd2\x8b`\x1b\x97\x99qV\xd3\x8b\xde\x1e\xc95sL-\xc4\x16\xce\x8c\x86\xee!$

\xf6\x01\xa3/\xe9\x9cp\xfa\xdf#\x17ELf&d\xc6@\xc3&\xf5?N|t\xb0\x88|

 $v\x9ct\xf5\xe6\xee\xea\xff\xaa\x85\xc8:\nendstream\rendobj\r42\ 0\ obj\r<</$

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\x1c\x1a\x1c\$"

 $0P40,,0bFJ:Ptfzxrfpn\x80\x90\x90\x90\x80\x80\x80\x80\x80\x8anp\xa0\xa2\xae\x be\xc4\xce\xd0\xce\$

1A\x06\x13Qa\x07"q\x142\x81\x91\xa1\x08#B\xb1\xc1\x15R\xd1\xf0\$3br\x82\t\n\ x16\x17\x18\x19\x1a%&\'()*456789:CDEFGHIJSTUVWXYZcdefghijstuvwxyz\x83\x84\x85\x86\x87\x88\x89\x8a\x92\x93\x94\x95\x96\x97\x98\x99\x9a\xa2\xa3\xa4\xa5\xa6\xa7\xa8\xa9\xaa\xb2\xb3\xb4\xb5\xb6\xb7\xb8\xb9\xba\xc2\xc3\x

a(\xa2\x8a(\ a(\xa2\x8a(\ 2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x99\xcfj)

\x14QE

E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q

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x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 $E \times 14QE \times 14Q$ x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14
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QE\x14 E\x14Q x14QE\ 4QE\x1
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E\x14Q x14QE\ 4QE\x1 QE\x14
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4QE\x1 QE\x14 E\x14Q x14QE\
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QE\x14 E\x14Q x14QE\ 4QE\x1 QE0R\x8au\x14QE\x14QE\x14QE\x14QE\x14QE\x14\x94\xb4QE\x14QE\x14QE\x14 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q $x14Ty9\xe9RQE\x14QE\x1$ \x14QE

\x14QE

x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14

E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14

QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q $x14QE\x14Q$ \xd4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x15\x18\x00\x1c\xd4\x94QE\x14QE\ x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14

E\x14Q x14QE\ 4QE\x1 QE\x14
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4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ E\x14QE\x14QE\x14QE\x14QE\x14QE\x14QQ\x82{\x8a\x92\x8a(\xa2\x8a(\xa2\x8a a(\xa2\x8a(\ a(\xa2\x8a(\ a(\xa2\x8a(\

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\xb8\x02\x9dE\x14Q

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4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
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QE\x14 E\x14Q x14QE\ 4QE\x1
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QE\x14 E\x14Q x14QE\

\x08\x00\x02\xff\x00\x00\x02\x1b\x00\x00\x02\x1bUL\xee\x14\x80]\x06\x18\x8 0\x9d\x03\xb8\x96\xf6\x10\x1c\'\xea+\x85D\x16~\x9c\xa5-\x9e\x0e\x94J\xf8| \x1d\x93\xbeO\xf0\x9e\xa6\xd8V\xe5Uk\xddC\xe5\x82\xa7\xb5p\xfb28\xa4\xb2 \x00\xa6_\x14\xb1\xbe\xe6Dv\x01\xfa\xf0\xf9(s{\xaez\x0bk\x08}Xqu-? S\xc3\xc6|

ar\x9b\xa0\x18X\x18\r\x01\xfcN\x95\xd2\xe4\x10\xc2\xc3\xd1\xb1\xe7\xcc\xbb\x cb\xb6bQF+?\xa4\x86\xa9\xb6\xca\x8eb\x1c\x1c\xcc\x874\x96SS\x17\r\x97+ \x82kO\xc8\xb9\xc1\x8c\xb5\xc8\xbcW\x9e\xebz8\xc0&\x99Ji\x03\x97A\x8e\x0 1\xd4\x9c\xad\x85\xd7\x11\xef\xcd\xf3k\x82k\xc0xhE\xc4<\x95w\xe7IxJt\xb6\t\x 88\x84\xc4Zu\xdb\x15\xe9WNQJ\x1ac\xd5\x16.M\xd9M\xe8B\x12\x0f\x12\x04\x a64\x0e\x1d\xd1\xbcY}\xe5\x90\x87*\xeb\xd6\\

x9dx7fxe6xf4Hxa2x0bxbdxf4tgb6xa5xf0.(,

 $\xde\xb9\xcf\x1b\x89\xce\xc8\xec\xb9\x03\xa0\y\xbe$

 $g(xc2)xf3)xd8|xfc)x91i"H(xf9)xa4)x90[(xc5)x86)xbf@(xda)xb3)xab(xd4)x1d(xff"(xd6)xd7)x0c)x01)x8em(xc5)(xb9)(xb6)xd5^(x8dm)xa4)xa5@?$

 $K#\x85\x97\xaa\x8bE/$

 $z\x0\x03\x04\x04<\xf5\x10\xe9\x06\xf7\xf6i\xf0P\x9f\&\x16\x92\x90\#\xfd\x8b\xa4\xa1^\xd6w\xd0\xfe_\xa2\xee+$

 $\xoptage \xoptage \$

 $I*\x90\xc61\xb6\r\xb1\xdc\xcd\xe3\w\xe4\xff$

k\'\xb6\x18\x87\x0e\xa0\x87\x86\x14\xa0s\x91\xd5X\x00\x81Qc\x9f\xb0\x9e;P\ xd4te,\x0e\x86\xa5,\xfc\x8a}\x0c@qt\r6\x94\xe8\x16\x9c\x12\x9f\x9a! \xe5\x9f\xf2\xd4\xfd\xd8\xd9\xd0\xa2^\xc48

 $\x09\x86r\x19\x86\x06\x06\x06\x02\x81\x02\x81\x02\x9b\x80\x98\x16\x9c\x03\x0b\x0c?\xf9\xd3\xf6\xfd\x8e8\xb6\x80\xb4M\xe0\xcf\xc6?$

 $5\x15\xUZt\x13\xf6\xdbT\x1f\xdb\xf5\x97j\'\xaf\x96\xf0\xfa(\#\xc0\xa4\xf9UIG\x9f\xfd\x9d\x82o\xc2\xef\xd1\x01\xa4L\xeeF\x19\x0e\$

 $\x 89\x 1e\xf8\x 1f\xfd\x ea\x 14>\x c 5\x b 5\x 15\x 8c\'\x ab>*On\x c f\x 8cknR\x e 47\x b 3\x 0\x d 4\x 8 2 GuC\x e b\x 0 5\x 8 1\$

 $\label{thm:linear} $$ \xd^{\xcU^F}_x88\xe5\x18\#Jgo\xcd\xc3\xd3\x87\xba\xd3\V\xa6\x8e\V\xc6\L\xd2\xcc\x1b\xfaa\xe5\'\xfc8u\x926\&\xe3F\xf0\x02\x9f\xdf\x89v\xe3\x00\x\\ 9frs\xafr\x18=;5\xab\x93=\'\xf4p\xfaCZ\x9c\x0c\xd1\x1f\xee\xe3\xf1\xd2\xf4\x9f\x15\x9d\xa3\xf5\xb0\xb9p\x95L\x1e\xd8\x1a\V\\$

 $\mbox{mL}\x8f\xb9\xae\xc2\x0e\xa8>p\x82\tt8\x7f\x94k?$

 $\label{thm:converse} $$ \frac{x9e}xbc\\x83*\\xe9X\\xa8H\\xbd\\xd9\\x18\\xa1\\tU\\x00\\xc2<\#\\xf6\\x7f\\xb9q@<L\\x9c\\x1c\\r\\x18\\x8d\\xf2\\x1c\\xc6\\xd4\\xde\\x8a\\xbd\\xcd\\x93w\\xb1\\x92\\xdd\\xff\\x07p\\x82L()$

 $\label{lower} $$ \constraints $$ \constraint$

 $\label{thm:linear_control_co$

\xfbun\x9eUi\xa1M\xb9\x06\xd6\x14\x99\x04\xf6+

```
\c2\xdf\x0c\x15\xedm\x857\r\x97\xf2U\x9e\x13\xc7\xbf\xf9u\xdd9\xbb\x7f\xa5\
x05\xe2eH:W\xd1>\xff\x03\xa5\x8d\xab\xb1~\xf4\xe2M\x0fi~\xe0\x95\xd9\xa3~\xe2eH
\xebL\xd4\x170\x95:\x12\xbe:pt\xe1\x1e\x92\x99*x\x89\x87\xf3\x1a\xabi\x88\x1
d4\x8bT\xf2\xdfB\xc9\ru\xb8R\xfa\xd0\xda\x02\xbb\xaf\xbc6]\\
\xfe\x1d\x9f\r\xf2I\xee\xd1#\xc0\x99\xa2\xb0\x8b\x88\xd1\xe6q-
\xc4\xba\xf3\x1a\x18\x97L\x0c\xb7\x03\xf0\x89\x9c\x99Ju\x94\x15\xbbvR\xe8Z
x80\xd0\x9c\x83pH\x1a\xde\xe5\xac\xa7W\r\xfc
\xd7\xf0\xfdDo"\x1b\xe0\xdan\x03\x19"|\xc6aR\xa3\x9eT\xbfl\xd8loT+
\x0cZ\x88-\xba8\xeb;\x86K\xce^\xcc\xf3\x94\x9fP\xfc\x98Q\xd8\}2\x8c?
x8fxc8xa7xecxd1Px0fx15,xfex90x8axc7x1dxbeJ+
G(xd1)xa6(xe2)xc2(tt@)xbd?(xc0)x19#,i]p4(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)xceW(xe7)x
\P\xfb\xcf[\xb4\xc0\x98\x8e\xc5\x87Y\x9f\x0b\xe6i@\xea:
\x88\xf2\xb6\xb8)\xd6e\xf0\xf3\x17\x19\x88\xcf-
\x = 2\x dc\x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f = x f 
xd4\xd8z\x03=\xbe\x1e\x9aB\xb9\x7f\x10y\xb2Je\x0by\x8c\xc3\x85\x84\xf5\xc
4\xa5\xe9O2\x0c\x7f<\t\xe1;\x81\xccW@\xf6\xcen\x0e>\xc0\xf5y_\xa52\xf4\xd4
ec&\x9fu}_\xc5\xcdF5A\xa8U\x06e\x10o\xab\xb2)\xe4M\xf35/|
\x = \frac{xf9fL}{xdai} = \frac{xf0}{x000} = \frac{xf0}{x000}
x10qxc1xc2"xbahxb2xb4x1exf4x91xa9xdef)x8b~x91w"xb2x95+
\x08\xdd_\x13\xfa\x112\x8b\xd8[\x82\xed\xa8\xbf\x80\xf2"J\xfe\xc3\xf9\xf2\xd6
xc1\x06\x97\x076\x1c\xa9nu\n[\x1c\x85d\xaf\xf5\xf1\x92J\x01T\xd0J\xd1\xa6\xc
b\x07\xae\xf8\x02\x8a3Y7\n\xec\x8dv\x15\xa6\x0f\x96*\xb7\x90\xe7\xd4\x19\x
b6\x84\xaa\x96n\x10+\xf6\xfaT\xff\x06\x1au\x1bf=\xff}$
x86x14txfdxc3x00qSG1vxx1dMx8dxfffx04x9axad
\x) 1/x9f}) U0c\x83_\xf0T\x9f\x9al\x902\xf4\x94\x93\xbe\xadHl\xf5\xcb\x8f\xfc\
xdb\x0f*b\x01\xfe\xda\xc70\xb7<\x81$
\x04\xd4\xfb\xe2\xd7d\xcd\x0f\x00\x88\x02\xa5\xc7\xc3S\xddw\xa3\x8c|
bG]X\x85\\xf8\xebW\xb7\xb3\xf86\xe0\xfeg}
\xc7i\x10\xed\x95P\x01\x7f\xa3A\xf47\xf5m\x05Q\x81<\xd6L\x01\x17\x88\x84\x
99\x8c=\x95\xa9\xf4\x98\xa5\xad\x8e\x89\xe1\x84\xcf\x17\x9c\x03\xf0>\x0cg
< k\x8e3m\xaa\xc5\xe0\x1c\xcb\x7f\xab\x9a\xc4\xd2\x9c\x1a\xd47-\xcb+
x0f48 xf6 x15m xe2 xdd] xb6 xe7 xb7 xa0 LvM xc55 xf7t xd5nvT]
\xdeX,C\xfcO\xab\xbaC\xa2fy;\xe2\xcb\xd3c\xd6\xb4\xf9\xc1\xdbO;
\xb1\xa2\x1cj\x05\x02B5\xf0t\xbc\x87\x1a\x8cl\xa21\xd1PY\rQ\xd0\xac4\xc5dH\
xda\xae\xf5\t\xde\x86\x12X\xc85\xd5.f\xe5\xc8\xb3\xe2n\xe1\xf9\xc9T\x1a\x18\
x11\x1e\xa00L\x98\xd3\x9e\xa8\xf0bj\x14\xd5\xb4\\]
x8b\xca\xa7w\x1bn2\xd5/\x93\x1a\xa6\xbd\x82)\xf9.\xa50\xda~\xc2N\xf4\xe5\xa50
86t\x85\xf5\xeb\xb9\xd1\xf9\xe5\xc2\xc1\x97\xf6\x12\xaf\xb4O\x9f\xffl\xd0\xaf\
xe0/(x12)xec(xc3)xb1(x93)x0c(x15)xf9(xcc(x02X))
\x1\x06\xd7\xb0\xe1\xf9L[\xb7\xd8u\xc9Z:
e9\xb8-\x1b\x07\x93B\x93\x96_}4p\xba\xff0\x99S\x1cvSM\x9e)
\xbb\x0b\x0b\x02\x9a\xb5v\x8f\xa8\xb0\xd4\xf7I\x16,\xab\xcb\x1d\xdc\x96\xb7\
x1f\x15\x1ax~\xbc\x91s\x82n\x11\x7f)9\xe0\xae\xb6#_\xe5.\x9c\xe7\x10\xf3F\x1
```

 $4\x31\x9b\xd4\xaf"t\xde\x08\xa39qz?$

 $\xc35\x15RQ\x044\x80\xb89@V\x8dX\xa6\xf5P\xac\xaeN\x89\xe6Y\x7f\xec\x1dq\xb3\xe9\x8c\xf5\xaa;\xa5\x91\x85\xb7\xde;$

 $x8a\xf1\x9aw\xb8@**xf7\x034\xb3\xe6p\x81}\xdf\x19T\xe8\xf1{+}$

\r6\x9d\x10\x03Q\x18?01\x0cP\x98|

 $\xb4t\x8b\xeb\x0b7\x12\xb7j\x18\x90)z\xcb52\xf6\x81\xfd\x16\x8b\xb8\xff\$ \xc2\xa0i\xdc\xcf\n\xe9\xe6\xba<\xe1h\xcdZC\xb2u\x00\xf0jO:

\xb5\xd2\x13\xa37BeO\xf3\xdb\xda"g\xa3\x93N\x82\xa1\xe7wbC\xc1\x80\xa2K Dg\x85\x9a#\x0e\xbf}%\x8bF/

 $C\x972\xa3\xad\xbc\xce\x87\xc7\x05\xa0\xa6\x8e\xcb\xbd\xa9R\xb6$?

 $\times 9[07\xcb\x02hp\xecr\x97~\x1f\xed Ip\x04F\x1d\x17\xcf\$

\xa2\xf3GW\xfe9\xe1J\x1a;Q\x0b\x9aoQ\x93\x9f\x1a\x11\x05ip5@-

 $kfT\xa3H\x11\xd7\x18I\xa2\xb9\xae\x0bZ\xf9\xa0\xdb\xde\xa3A\xf5\xc4\x0c\x0\\6tK\xd5uH\xbb\xb3\xd2\xu,\xee\xdaZ\xb9y>$

 $\label{lem:def} $$ d\sqrt{6}.J\x6e^x1a\x8e&n\x8e\x96bz\xd4\x07\xbc\xd3j\xda\xa6\x04L\xea\x11\xfe\x1a\x1f\x13\xc5:\x19E''_\xed\xf5\xc6B\x1b\xfd7\xd4\xc30\xab\x0e) $$ \x81\xcb\xf1lm\xb13\x9c.$

```
xc84\xf1\xe0\xbd\xf6\x94\x04m\x8f7"O\xd4\xd2KL3u)
\xd2\x86\r\x812\xae=\x0cno\xf8\x1a\xa1U\xc1\x1aC\xeeZ\xca0\xcf5\x9el;
8\xb2k9\xfac\x97is2?
\#D\x89\x80\xd2\x1f\xa9;\x9c\xb7\xb6.\x18\x9c\x80\xc1\x82r\x15\xc1\x8f\x8b\xe
fz\xab\x90\x94\x1b\xce\xfeM\xa6\n]
\r\x96\xb7\xb0W\xa2\x98\x0c\xdc\xb3\xe7\xd0\xdfa\xdb/\x93@\x07\x8d!
\xd4\t\xe7;\xe5\xa4\xo4\xaa\x9d\d\xe7;\xe5\xa9\xae\xe9.\
\xd2\x1f\xba\xdf\xb1r\x18\x16\xf2a\xf9)\xe00<U@\xd7\xa6H\x94\xf7\
x90\x1d\x9bnY\xfc\xa4P\t\x1aK\x05\\xfd\x0f\x13:?
x\xe0\x168|\xa5\xc3\xa1*\xf9\xf26\x90\xad\xe2\xac\xf1}
5\xfd\xda\xe8\xd0\xfd\xb2P\xb3[\x99\xa9\x8eE\xcd\x06\x9d\x97\xb7FG\x9f\xef
\xc4?\xf8\x99\t\x86T\xa5\x08|
\xdd\xdf\xec(\x8f\xd49\x89\x85\xfa\xea\xd2\x0c\xb4\xdd\xa5\xa0\xae\xa2X\xb5
x9f;x98\\xab\\x90PHN\\t.\\xc1"y\\xe6\\xcc\\x0e.
\x 89\x = 2\t \x 8a\x fc\x d5\x b0\x da\x 96\x = 2\x 97\x 84\x 11v\x f9\x f6\x f5\x 1dx\x 9c\x be
\x = \frac{x^7}{xb4E}xf9 \x 80! \x 3+
\xcf\xe0\x8d\xa4\x131\xe6\xab\xc9\xaa\xf0\xbe<\xca\x94Z\x9b\x12\x00\xb1\
\x19nzpF\xd5\xb9\xc2\xb4\x82\xc4\xe2\xb9\xbc\x94\xca)!
\xcf\x009\xb0u\x06\#*\xd9~\IC\t}\x94?<\x9e\x1e\xfbJ\x94
G(x19) \times 1/x6 
b9\xf9\x11&\xb0\xe2gG=\x9eZ\xd1\x99\xd6C\x98\x81>\xe5\xac\x9b*A|)
\xc1W\xc7\xd4\x05\x1fr\xde\xe4\xbc\x04\xd7\xd7\xcc)
\an A\x0c\xed\x96GhL\x93\xcf\xfao)
[\xdf\x8aJ\x81\x8c\xbeH1\xa4\xe2]\xe3\x1a\xe0\x9e\xbf
x00xa0x9exf1xb36x80xe6x00VaX*x1a|xb3x1749xe4xa3xb1x.
\x = \frac{1}{x}eh x f^2 x
e6\xcf\xd9%\x9e\x92\x8b\xda\xb40Y\xea\xfbI \xdbA\xcd\x83\xdc:
x01>p\xbdzw\xd5S\x11\xb0\xd7\x85\x97R]Z\x0b\xdf\x8a\xa3G\xb9\xc7\xc2u:
\xea\xe5@P\x14u\x0f\x95\x89\xaa\x14\xd61\xa6$\xa1\xd8\xecxS!
EL\xfe\x9f\xc1\x17\xa3:\xb3\x9f69\xd8\x8d^\x1b\xfe\xf4a\xd6\xae)
\x0eq\xf9\x86xm\xb8\x99%\xe7\xbf\xdd\x8f\x12w\x88e\x08\x1b:0!f0}
t\xc8;\xcd\x9dP\xf5J\xbc\r\xf6\x1bnJ\xa9yq2*@m\r\x84\x91\xda+2\xf9(\x9a\xda+2)
8B"\x0e\xf1\x8d\r\xf0\x9e\xd3N\xcf\x82\xcc`~\x1b\x9eB\xf1q
\xbd#\xd8{\x93\xcc\x01\xe9B6/S\x81\xbeX;
x87\xc4/x82\xabMLMc\xo1\x9b\xd8\xd2\xe2\x9f.
\x85\xbd\x9d-96\x050\x81gO\xe7\x96\x9e$5B_*G\xe8\x9c\'qP8\xdc\xdc\x80\x
83\xeb0\xe89\xc3y\xb3\xeb\xe3EF\x14\xc4\xe7\xce\xa6\xa2e\x03\xb8\xe0]\t\xc
e\x95\%\xe3\xba4\xd3G\xa6-\xb6\xd4\xdcpp\x99
```

\\\\xcd\\xb6\\x9e\\xb5\\xd1\\x91\\xd40j\\x930^\r\\xbdY\\xdfdL\\x82n\\xeak\\\^\\xff\\x02\\xf5\\\\xb6\\xb044\\x130\\x96S\\xa8\\xb2\\xb9\\xc2\\xd1\\Y\\xe1\\xeb\\x9a\\xff\\\xabC\\xbb&+

```
\xf7R\xa2BE\xc1\xd7n]B\x00uW?
```

 $\xd1\x15\xe48\]9\xe5\x08\x9a\x81j\xc7\x9d\xca\xfd\xd4xV\xcb-$

\xdd\xb2I\xf1\xe6\x0fb\x9a\x92s\x8f%8\xc2w-

 $\xspace{1.05} \xspace{1.05} \xspace{1.05}$

\xea\$HC\x81\xe8\xfa\xf3\x1c\x1a\xad\xc9\x9a\xa3\x984\x82s\x92^>/

 $q\xbbbG\x856s@<\''\xa1\xc7\x0c\xba\x01kW\xb0\x91Eg.Nc\xf4\xfb+J\x83\x86\x02b\xc8T\xec^+V\xc5\xda\x12\xc8\x83\x89z\xcdG\xb6Fq\xea\r'\xfc\xc8\x18Y\xa5\x95X\xb2@B1\x95k\xea\x06\n\x99\xaa\xc4\xc0\xaep\x920aO\xe2rl\xc1+\xf5 $ \xa9\xbdi\xe6\xa9\xa8\x9cOO|$

2&\x0b\xe2\xaf\x1e{ \xa8\x8ew]\x83\x8b\xf45f\x12\xc4\xc0\'c.\xa3\x00|

\x0eT\x9c@c\$C\x08l\x10g3\xbf\xdd\x93|9\x19-p]\xae\xa1\xb58\x92\'\xaaf?T:

 $\label{thm:linear_convention} $$ \frac{x1a}x18\cdot e^0\x83\cdot b\$^\cdot c^\cdot x2\cdot ad\cdot xae\cdot xf5\cdot x99\cdot x9a\cdot xff(\x99''\cdot x86\cdot x19\cdot x182\cdot xe9\cdot x8b\cdot xe3<\cdot xe4\cdot b\cdot x8b\cdot xa2\cdot xed\cdot x84\cdot x16\cdot x81F\cdot xf8\cdot xc120\cdot xd0\cdot xa0\cdot x14E\cdot x92\cdot xec\cdot xe4\cdot xcd\cdot xf8P\cdot xf2\cdot x1b\cdot xc1E\cdot xd0=/: \x8c\cdot x1aQ\cdot x1aC\cdot y\cdot xba3\cdot '\x05? \xfbY\cdot x90\circ xeaz_\cdot xdb\cdot xbd\cdot xd0\cdot (\x17\cdot x9d\cdot x16\cdot xa1\cdot xce\cdot xfc\cdot xc3a\cdot xfe\cdot xa7\cdot x86\cdot xf1\cdot xf4\cdot xb4\cdot xd44\cdot xf1\cdot xfa<^P\cdot x89\cdot x8f\cdot xf2\cdot x1f\cdot x92\cdot x8b4\cdot xff[\cdot xf2\cdot xb4\cdot xd5\cdot xe1C\cdot x0c*s\cdot xa0\cdot x1f\cdot xf0\cdot x04\cdot xdez\cdot x8e\cdot x02\cdot xb2r\$^\cdot xe8q1D\cdot xc2P\cdot xc8\cdot xdc:$

 $x14x89xb3xe9xd1_x89xf0kJvx9cxa5j=xeaExd6x1d;$

 $\label{thm:linear_continuous_co$

```
x91z1x9bxa9J
```

 $\xc8\x95\xfb\x070\x10\xb0\xc6\{Ci\x95\'\x1f\#yJ\xb3Hg\xf5o\xf6\xef\xdb\xdc\x9b\kB:\xde\x0e\x0e\xa6\x9a\xfb;$

 $\xe4\x1bi\x98\xba6\xec\xe3\xec\xbfg\xe4\xa0_9t\xad\xfe\xbf\xea\xb8\x06\xa8\x14\x89\xe4\xe0z0\xad\x8e\xb7\xf6\xcf\x8d\xf8\xca\xd8\x9e\x98R\xe2\xce-$

\xb9\x00\xa1NP\$\xc4H\xb5\xb7\x93\xd0\xd4A8\xf1\x8e\xe6\xf5B\x8b`3|

e\x8c\xd1\xde\xe7\x93\x19\xc9\xe3Jt\xa6\r6\x94#\xc1#\x00\xc9J\xe7A?

 $\xb3$h\x01W\xe3h-r\xbf\xdf@\xae\x82\xe6)F\x16\xda\xee\#\xdd\x84+\x15\xc6\xb7\xb7\xf9=\$

\xa5B\x0f@:1\x97\x90\xc0\xa9\xaa\xe8\xb9\xb6\xb5\xcf\xa8\r00\x0c}

 $= E\xe2W\xe9\xo6 = \xa3\x82\x12*E\xo1p\x9e\xe8jV\t-8\xo5g\xcel\xb9\x89`\x16\xf2M\xo8\x8d\xc1\x84X+<\n\x91\x8b\xb6\xd6t:N\xb8z\xf7m\xf4\xd1\xa4\x95w\xf0c`\xa0Q\xe7\xae\x1d\xef\xfc\xc6U\x809\x9aV\xcd\xfeC\xd05\x9e:\xffO-$

j\xf0V\x82\x8c8k\xd9o\x15\xd84\x1e\x9e?

 $\column{1}{c} \column{1}{c} \column{1}{c}$

 $\c3\c7^xd8\cxe2\xfa++\xf5\xbc\xd4\xa3\xa0\x0bT\x8f]\x04d\x9f=]$

 $x03\xd6\x932\xcb\xa8\xb3\x87\xe4W\xa7zJ\x1fg?$

 $Aj\{\x99Q\xe4\xb9\xbe\xe1\xdbh\x84\xe8\xc9\x19d\xe1\Fm$

 $\label{thm:linear_continuous_co$

 $\label{thm:linear_continuous_co$

\xbc\xc4\x82\x1f\xffb\x1e\x16\x05\xf3OH\t\x10\xfe\xcd\x86\xefe\xf05\xc39#\x1c

```
\xc9\x14\xe1\x8b\xcf\x9d\xae\xb2\xa2\xc3\xcc.\xcb\xab\xe6\xbe\x08m
\xd1\xcdc:%
\x03\x95\xba\xa0\x0f9\xcel$D\xbe\xe0H\xb2\xb7\xc5sge\x8a\x81\xa3C\xf7
H\xf8\xbf\xce/\xff8\x9a\x9c\x9c*\xe7r\xecV\xc4\x86!
_\x89~\xed\x90\x0b\xf1+^\xca\xd5D\x85\xa4\xfd\xbdJ\xdb]
x12=xeb9\xda\xc3\xae\r)
\x96iM\x8dC\x0c\x1f\xae5\x1e\xc9/\xe3\xc8\x9d\xa9X%
\xf2\x1f\xef\xe9\xa0C\xa4=\x04.#J\x02\x8b\xffg\xc8\x1c\xa0\x9a\x9bs\x88\xc6\
xd8#5F\x0b\xa5\x0f, \xdcS\xee\xe6\x8e\x88z\x17_\xdf\x9fn\xa3\xabG>vh\xb0Y\xb0Y\xb0Y
xbc%\xce\xe3\x95\xd5\r\x04I\xb6\x8a\x08_?\xf79\xcdYP*\xb43$
\xc9\xbc\x1f\xd04\xe4v4\xaf\xcbP\x06\xe9\x935~\xe8\x83\x1a0C\xbd\x96\x97\
x81r\r\a0\xbeg\xacr]q\xfe<,c(\xbe\x97\xfc\xcd\xa2\'\xd3\xb5\xaf?H)\xec+
x06(x9ax15nxa8D?
\xcb\xd6\x86\xc3\xdctX\x01O6n\xde\xa3\x14\x1f\xfe.i\xf1\x7fCT\xb1:\x00F3h\x0
c]@1E\xd1\x1f\x07\xffb\x99\xca2W\xb8\x18\xd6\xafu\x866\xed(!\x10i$
x9ax8fxe10x14Ex98x8dx9a5np(J9xa6x97)txe9xecx98r-
\xaa\x91.=\x06\x1b\xd9\xb17-\x05\x88\xff_(\x96\xa1!
\x93\xd4\x1d\x0e&\x15\rC\x83\xa1\x00<\x19?\xaaw:d}
\x8f\xeczK\x9dK\xcfNaf\xe5\x0f\xc2D\xcb\xc8\x13
\x15\xf5\xdf\xb3p\xf3 \\xbeOy*\xf9\xf7\xc8\xfe\xbew\xc4\xc0\x8fR\xc1\x83\xe5
\xbcN\x10\x07\x1e\xa1\xdc\xe3\x9d\xfeW#$\xa2M\
\xd7\xc6\xd8\xc7\xd4\x01\xa4\xef\xe01\xdc\xdc\x0f:\xee\xaf\xcef$U:
\xb2\xdb\xdb0m\x9f\xee
x87\xecg1\x06\xab\x05\xb1\xa3*\x1d\x0b\x8b\xce\x11\xdbs-H\xcdT
n\xf2\xb6\x9fjA\xe1\r\x08f\x90^0\x05a9\xfe0\xb2C\x9bp\xa0\x87\xee!
\xd8\xef\xca\xe3\x11r\xb3n\x1d\x98\xcf\x82\xe0R\x80\xae\xf1]L\xfe$
\x19\xfe\x18vy\x00a9\x87\xd3i\xbd\xda\xeffe\x05"\xdc\x10\xe9\xd0\'"\xd8T\x85
\x = \frac{xab5}{xf7G} \times \frac{xe7c}{\xdd} \times \frac{xab5}{x9b01} \times \frac{xeb}{\xdd} \times \frac{xab5}{\xdd} \times \frac{xab5}
\x = 1\x =
\x11\xc6\xdc\xd6\xd3q\xdfW\x1a\xfb\xab=\xc6W\xadS2\x1e\x0f\x01w\xc3\x1c\xb
a.@x2\x10o\x1f7\xf8+eL\xd9U\x07K\xb3\xfa\xdb?\xda\xf8\x9e5\xc8\x9c)\'?
x92\xe8m\t\x19-n+
\xf55\xbf@\x821\xac1_\xe9\xfa\x912\xcb\x98q\xcf\x18M\xe80\xbf\xd8\x8aM+
\x96\xbb\x89\xd7{\xb8\x8b\xe2\x16\xbaK\xbdD\'K\x86\xa8\\
\xb4'E\x98\xe9\xbeH\x06\xe9\x15\xe2\x19\xf1\xeb\x0b:\ly\xd4\xff\x15dZ\xc2\xc
cf\x16mv\x8c\xd7\xea.\xd9-\x8a\x1a\xa4\x90E\x00d\x12\x01+?
b\xde\x02\xa8w\x08s\xea\x17\xfc\x0cv~.
\xcd\xef\x82\xf6\xf9\x00\x8d9\x00\xd12\xeb\xa5;M]\xd4$
\xcd\xff[\xca\xf3m\xaf\x9fV\x14>\xf9\xdc\xd7\p\x7fr\xcd7=\xfd\x96\x00A\xb8\x
97+aQP\x02\xdf\xb7\x91\x11\xa5\x19\xd1.\xf1,\x15\x86\x8cg\x1f\xac(\xac\xb3\xa
d\x8d\x8c\xe6\x90h\x0e\xe9\xf2\x14\x10*\x92y\x9c1\xb0\xa8r\x80*B\xf2\xd6\x
d3a\xd5h\xeeFdRa\xecu\xe8!%
\xe0\xf4\#\xa7X\xeb.S\x92>\x85\xa3R\x16YQz\xad\x19\x1b)
\x18\xb6D@^\xcd\x92k\xb7\x11\xa9\xb0\x9f\xe3\x8f\x94\xd0\xe8\xd9\xc3\x9a\
xff&\xc8$
```

\x9c\xff\x1ef\xd6\x9b\xab\xdbR\x93\x85\xf1\x00\xf0\x87\xb6]\x7f\xfa\xaa\xd2m

```
\xf4\x02\xb1\xbd\x96\xb9M\xc1\x9a\r\xa5\xb1\x1b\xba\xb64\xee?
\x0f@\xbe\x85\xb3=\xea\xd9\xec\x8d\xe0q%@\x13+Vv\xb69\x8ds\xb7\xc3\xf5\
x0bZ\x14\x96\xfd\xde3\xbd\xa8\x8b\xdd\x10T\xf5\xfeW\xe4/\xb6\x9a\xc8\xe5\x
b9\x99\xc2\xb1\xabJ}\xe7\xed\x9cN~Ds\x10.M`+
\xfc]x\x8a.q\x8d\xad\xb2\x10K%1\x15O\x9b<7De\xce*]
\x7f\x93\xf0\xd2Yv\x9e\xdf\x92*X\x15\xab\xb3~\xe7\n{K[\n\x98\xc1\x02\x83\xa
4\xf5\xc5\xb6\xeb5\x8d\xa7W\xcc\\b\xdcw\xbe\\9\t\xad\x0f"\xa5\xd0.7$
\xc2\xc26SN\x98\x1f\xbc\xf3W\xa0\xf0\xf93\x12H\x99\x8a\xdfz\xe4-
\xf0;|\xaby!UT\xe1 k\xec`mt\xcfZ\xf6\ny\xeb\xb6\x02]\x1a\xb8\xfaP\xb4\xe3$,
\xdb\xed?c\xdf\xa5\x8a}\xdf\x80\x91v\x07q\xceWJA\x07c\x04\x18%
\x01\x10\x84\x11\xdb\xc8\x0b\x80uL\xca\xabs\x9f\xf8\xde-
```

{F\x9a\x93\xb6YQ\x13B;

 $\xspace{1.5} \xspace{1.5} \xs$

 $\label{thm:linear} $$ \sqrt{x}4^{x}1\sqrt{x}0^{x}4[\xb1\xe5\x91L\xd7\xc58\x9a\x10\x16Bj\xfb\xf8t\x9e\xc0\x05 @c\x7f\xa0\x98{\xe5\xaa(\x8b\x90i[\xd2\xd6g\xc6\xf1\x8d\xad\x83\x0f\xb4{\(?} \xe9BE\xab\xd0\xe4\xb9\xc9G\xc0\xab\x85\x96dRl\xd0\xb6\x1a2K\x9b\xdf} $$ $$ \x8e\x88\xfbT\xe1m\x1f\xcb\x17:\xac\xa15\x9asV\xe2\xefv;$

 $\label{thm:linear_continuous_co$

 $\label{thm:linear} $$ \operatorname{lxe1}x84m\xb4ep>\xcbB1\xf9e\xf9\x0b\xff\x7f[s9\x185\x8f\xca\xb5BI\xdf0\x 126\xe3\x06qF\xbe\xf0\xbbF\xfd\xb1\xe5\x9a\x01\xbd\xb5\'\x19\xa2\x84z\x07\x 1d\x80\xd4\x17\xe9\xeb\xc40tUA\xc1\x9a1,d\xf2\xf9\x08Hn\xd9s\xae!\xde\\xf8>w\xec\x897\x02FnN\xe5\xf9\\\x1c-\xbe\xe2\x10?\'/$

 $x92\x15\xd0\x00\xcd\xb5``Qs?$

 $Q\x861\x86\{\x9b\x8f\x85\xba\xd1\xd7\xc9:R\x8a\x9d\x13\x86\x93\x03\x0c>\xdf\xd4\xb3\xcb\xb0mX\xf2\x82@\xa8\xd98\xfa\x00\xacX(\xd2\xcaM\x19\x8a\#UJ)$

```
 xd7/x88/xe2/xae5\#/xdb/xe4/x06;/x9d/xe3/xeb/x1b/nh/x82/x1f/xb6/x9f/xf95/ru3/x97o/xd7/x81/xc1/xb5O/xe9/xad/x02/xb9/xbf/x111/xf2/xbb/xc5/xb3/xa6/x89/xfd q%/xea{/xc6/xf1/x9b6/}
```

 $xa6*wK1\t0\x81\xb2+xf6\xf8\xa8\x87\xf2\x8dqKe\tm\x15\x0e\xbf$

\x84\xd4R00\x19\x81\x81.\x9f\x95\xa32T\xa2|

 $\label{label} I\xa6\x04\xbd\xc6\xa7\xda\xf4\xe0\x82N\xd5\xf4\x8c\xac\xe1C\x8f} $$ \x99\xd7=t\x9be\xcf\xa7\xd3S\xd4\xf3\xbbFl\xfc(\xa7\x05\x0b\x16\xbb\x0c\x95\x8q\xe0\x94\xaf.>\xee\xe0W\x85\x83W\xd6\x8c\xe1u\x16\x88b\xed\xdc\x01\x0b\x9e\x94P\x81\xb0\xdf!$

 $*\xef\xf2K_\xef\xf2\xof\xf0T\x95\xf1\x83\x06\x10\xe8\xb1\xa8\xd6\xb7\xa3\xd2\z\x00s\xed\xdd\x9d\xbc\x12\x19=Q=\xf4\x1b\x9b\xn$

\xb5c\xa26E\xcb\x1b\xa7\xfc\x89\xfd\x9b\xba\x85\\x8a\x08*W\x8a\xf0\xc4\x1b 6(\xccaN\xd3B\x12\x0fJ\xd2\x9e\x94\xbdd\x17\x04\xc9\x87\xf7\x10\xc2\t\x97J\ xe07\xf2\xa4\x024\xaau\xb4\x14G=\x17P\xe5\x98<R\x06Z\xd6\xbb\xbe-\x9da\xc2\\\xaa!\x18\x06\xdbj\xbeT:\xd5\x08x\x9a:hm\x11\x04\x1b\x07\$ \xe7A\x98\x83\x9ea\xb6\x1d\x9f\

 $\label{thm:linear} $$ \sin^2x 6x \cos^2x 6x \cos^2x 64 \times 94 \ext{We} \xo7 \xf5V \xdb \xdc4s \xd4V \xf3 \xc5D = T\xb3\x14\xbe#1$\xo2|$

= $\x05\x0e\x95\xda\xd2\x93\xa3\xb8\x13\x81im\xf7\xa0\x96\xd9\xc2\x06i\xaa\xa3\xc4\x80i\x98\xc4\xbe(\xc5\xf2\x91\x17G\{\x10\x19\xdaN*\xdd\xfc\xcf\xcb''\x19\xa6\&v\x9eJ''\x1bG\xc3\xee\x08UY:$

\x0f\xb3\xa4\x87\xb5\teD9\x97\x84\x16\x05\xc4\x0bJ\x99!

 $[x\xfd'\xb5wKn\x0c\xe2-$

 $V\xa4\x10\xe8\xd8\xb3(V\x9a\x1a\x11\xd5/\xffw"F\xc0a\xa0\xdd\x04q\x1a\-~\xd7\xe5\x1a\x9c!$

 $0\x8c@\xf2\x92\x0e\x1ax\xda\xd0\x99\xa4\xc0\x8a\xc7\xfa\xeb\x03\x8bR\xa6I\xc0($$

 $\x 99\xc 6G\x 99\xc 4\xc 4\xc 4\x 85\xd cv\xf 4\xa 1\xc 21@\xc d\x 81B\xd cm 4\x 1b\xb 7\x 93ci \xf 4\x 8c\x 9ao = \xe 2\xf d\xb 7-$

 $\label{thm:col_x6} $$ \frac{x_1\sqrt{x}6\sqrt{x}6\sqrt{x}4}t\x07\x90\xc0\xe3\xf3\xc55\x12\x0c\xf8> \xcbd\xea| }$

 $<\\xa3\\xa2\\x02\\x92\\xa4Q\\xc3H\\x0f\\xf4\\x82.A\\xcc\\xb8\\x041s\\x8b\\x1e7\\xec\\xcf\\xb8\\x05\\x10)\\xe9\\x16\\x8417\\x04k\\xe4\\xc8\\x858\\xdfzA(N\\xba)\\xf0\\x1bs\\x08\#&*\\xd6P>\\xbe\\x1f\\xb9\\x0ft]$

 $\x8a\xa7\xf9\xe8\xf3\x97^\x8d\xbe@\xab\x1d\x87\xe1f\xc3\xea\x8c/bB/$

 $\mbox{\sc hij} x15\x1b\x0f\x0e\x90\xdf\x05\x1b\x93\x16:o\t\xed\xf6Q\xae0\x13\$

\xed\xae\x0b\x13\xbf\xa2/\x10\x18e1\x7f[\x024\xa4\xa2\x9eBEw\x08\n%

 $\x3\xb6\x11\xc9b\xe1\x9d\x01\xc38\xc3Y\x1f$?

 $m\backslash xdf\backslash x05\backslash x85\backslash xe0\backslash xe1\backslash xd7\backslash xd4\backslash xeeA\backslash xd0\backslash xed\backslash xa7(\backslash x1f\backslash xc0\backslash xd6\& H^I\backslash xa6\backslash x1b1; $$ \x90\backslash x82\backslash xa8\backslash x80\backslash x15\backslash xa1\backslash xf3\backslash xcc\backslash xde\backslash xd5\backslash xf8\backslash x8d\backslash x11\backslash xd4s\backslash x81nIt\backslash x1a\backslash xaa\backslash xc4\backslash xb8\backslash xb2\backslash xddl\backslash x0b\backslash xd8; E\backslash xd0\backslash x98\backslash xcd\backslash x1cA\backslash x8d\backslash x91Q\backslash tk\backslash xf5\backslash xb1\backslash xda\backslash xd2\backslash x19\backslash xb3z\backslash xae\backslash xf5\backslash xd6s\backslash x7f\backslash xf2\backslash xc9X!\backslash xdb\backslash xc7Dr\backslash xac\backslash xbac\backslash xf3\}\%\backslash x02|$

\x9ap\x837\x04p2\xdbF\xeaU^~\xf3#_`\x80\x8d8C_\x16\xe3/

 $vx\xde1+x\xec\xe2\xe4\xdf\xb3\xca\x9a\#I\x14D\r\xb8\x16\x97\xe7\xf8v\xf8LYde\xccV\xd4)\xda&2\xc5["\x14\xc9\xeeK\xda4\'2\';$

 $\x8b\x96A`tsS\xdb\xaaB\x98`\xbd\x94\'3\xd1_\xd7v`(\x08\x84\x98\x8d/\xf9FOTje\xcd\xd7\x8ax\xe4\x8c\x98\xa7f}$

\xb9<\x0f\xc4`\xee\xf4\xa8\x04\\G\xa5\x97\x05\x17\xc2\x0cT\x98\xcd\xaa! \x94+

\xfdyyS3\xda\xcb8\xcd\xaf\x12\xa8s7\xf4C

 $\xe6\xd9\xb6z\x01\x9ei\x8dN\xca\%b\x8d\x99\x112I\x87\xe6\xd1\xb1sE\x12A\xfe$

\xc6~\x17b\x94FGq\x946:b\xa1 \xac\x92\xf21Z\xf1\xf8\x1c+

\x81\x98\x97\xe3\xc1\xad\xf82"\xc9\xa9\xff@0\r\xf2#.

\xbbF\x18\x8a&\xcc\x8fV\x1f\xd9W\x14\xec\xeaY\xcez\xde|

 $t\xf4\x94\xe0\xf2\x9aW\x16\xdbK\x9c\x99B\xdf=\x98\xf7\xa3\xc5\[z\xda\xd1\xab\xe2\x13g\xc3\x80\x19\xb1b\x078\]$

 $t\x9f\x00\x19\x08\&\xf7\x96\x7f\x07\xd5g\x9dZ\xd7M\xe1V\x19\xac\xdc\xd2BX;$

`\xe9(\xbb\x8a\xffAC\xab\xec\xe7]j\xc2\xef\xb2\x06\xd7.\xf5\xe3\x84Ts\xcd\xb6 151\x96\xd5 `\xe6\t\x84@\xad\xa1+\xbf?\x1a\x12)\

```
T\x84\x0f\xecZ\x1aR\xe5\x8b9\xf25p\xf5\xefTu7\x1d\xf8\x97\x1cP\xe7\xe0{\x0e} *|
```

 $\xce\xff3\x05\xc4T\x00\xf1\xc5N\xe9k\xf9\%u\xba\x92>\x93\x93\x80*\x8ce\x85\xde\xe0V\xbc\xa4\xdb\x11{\ww\x83\x9d}.$

 $\x1b\n\xa2\xa9s\xee4\xd9L\x8b\xb3\tI\xa9\xc7\xae/$

p\xb2\xb4\x81Ss\xf6\xa5"\x0f\xb1\xce9\xfb\x97%

f\xa87\xcf\xff\xac\nendstream\rendobj\r44 0 obj\r<</BitsPerComponent 1/ DecodeParms<</JBIG2Globals 8 0 R>>/Filter/JBIG2Decode/Height 1162/

ImageMask true/Length 7126/Subtype/Image/Type/XObject/Width

 $\label{thm:linear} $$ \operatorname{tS}(x)^2 = \tS(x)^2 (x)^2 (x$

d\x89\xb6\xba\xa7\xeas_\x1b\xa2w\xe0\x8d\xfe\x84\x80<\x0c\xa8t\t\xa7\x16\xf

 $\label{lem-xf7N} $$ \sup_{x_0\in\mathbb{N}} \frac{1}{x^2} \frac$

 $$= \a0\x0b\xf3\xcd*\xcd~\xa1=\xa8\xa4\x99\xa0LljShp`\x80\xd1i\xdejtHgz\xf6\xcd\xa8\xff\x16\x95_\xff\x7f\xfdW\xc9\x88\x91\xe8\x00\xdf\xaa2\xb8\x03.\x9 e\xc0T`\xd3\xc7\x08\xae\x0cz\x00x\x85\xe1\xb0r\x84\xfd\#\x9dl\xaf\xffq\xf6t\x94\xa5\x84\x0f\xbf\xe7B\x99\x8dn\xed\xc1\xbf\xe6\xa5\{+$

 $\label{thm:co:xd6=x8f} $$ \x99\#\xcb@\x1e\x033\xdeg\x17\x91\x9e\xdf\xc6\x9a\x91\x0e\xc0\xbc\xc7\xaf\x96M\x95T\xcd\x84\x1dn\xa5\x11\x9e\xdb\x48\x9b\xd5\xafJ\x04eN\x1d5:7\xbaxm\x97\x10\x85D*Y\xc6\&L\xa84X\xb3\xffh@\3\xb1\x13\x1e\x99\x00\xc3\%$

 $\footnote{X} \footnote{X} \fo$

\xe9F\xe2\xc9TQ_\xb6\x93\x95i\xf3\x15\xde\xf1s\x9d,

\x91\x87C\x9a\x8fs\x90\xe3\x87\x13\x9a\\\x06RV~\x1d#K%

 $\xd4B\x12\xf0\x11\xc1D\x0e\x8e\xe702\x9a\xd8Y\xedk\xfft\x91\xcal$

&TP\x8fY\xd1[\xc9\xc5\xc4\xa1\x8c>\xd14\xc3z\xa3\x98\x85c\nK\x7f\x9a5\x82 %\xefs\x1d,

 $\label{thm:colline} $$ \hdots = \frac{\pi \pi^{x01}\times 9}\times e^{\pi 1}\times 9b\times e^{\pi 1}\times 9b\times e^{\pi 1}\times 95\times e^{\pi 1$

 $9V\xf7]\&\xad\x9f\xc2A\xbf\xfe\x08a\x84^y\xa7\xfa\x86^\x9a\xae\xae\xce\x1f-p4\xaddr\x938\t\x11\x03U\x80e\xbf\xb6\xb9\j\xbf\xb6\xb9\j\xb7]Cxs\x1d\xa0\'\x12!$

```
\x02\x09\x0cM\x03\xcc\xd2\xb7\x04K\x07\xcb\xd6ZV
```

 $\xb0\x11\x9a\xba\&e\xe8*\xf5\xe5"\x16\xaf\xdaC+$

 $\xce\xb5\xaf^\xaawagL\x98z\x8bm\xc5\x16g\xc13N\x0frw\xb1.\xa6$

 $L\xc7\x8e\x11\x882\xfed\x7f\xd9\xdc\x1a\xca\x03\xb0\xaf\x077\x14gus\xacR\xed\xc0\n?,"]\x9as\x16J\#)u\rV\x1fN\x8c\xef\xf6\xcb\xe1\x9e\xd4\x0e\xc6\xdb\xee\xc4\xf5\xc8Ma\x9a\xb7\xebz)$

 $x85\xac\xf1\t*nZ\xbf\xd1,BJ\xac\xee\xeb\xdfu\xf2\x1a\x11\x02\xc4\xf7\$

 $\xspace{1mm} \xspace{1mm} \xs$

x82nsx17xeexd3xe0xa0axd3[x14tF&vx14xxcd!]

\xcd\x10J\xd2\xb2\xda\xe9&\xe8"3U\xc3\xd1!,k\x9e\x83q@s\xbc\x04?

 $x9e\xd8\x0e''\xb7\xb5\x81a\x1f1\xf61\xed\xf1\xb4zW\xa4*q\xb96T\xf6\$

\x82\xbd\xe8E\x9b\xad=ILI\xd7K\x8e\xb9\x95\r\xd5\xc4/\xe1\xd1{\xfd1;\x7fx\'\x0 e0`QX9L\\\xd7>H\$\x13M\x153\xcb\x7f~\xda\xf3\xa6,&\xaaO\x03U\xab \x90\xbf~\xa8\xfcw\xf3N\x84\n\xdb\x99\xd9\

 $1\x84\x3\xca\xda\xc8\xba\xa0\xd5\xeeb\xe9\x07\xc7\x92eS(\xffo)$

\x18\xbf\r\x00\xa9\xfa\x8d\xa0@<i\x93

 $x\x0f\xf4Y\xf0=\xb6\xe6\xb4u\x08@\xde`B\xe1\xe2\xf5"\xdazs\x9c\n\xe5a\xb3\x1d\x18\xda\x04\xf9\xc7\x96\x01\xfa1\x95V\xa9\x04\x94e\xb2\x80\t@\xea\x9aQ\x9f\xcc]W\x8e\n\x96\xc1_\x1a\x86\xdeb\xdf\xc5\x8f\x04\xe8V\x9e9v\xc5\% \xab\x16\x94\xb3\xb3\xa9\x80\xf7\xb4\x82/$

 $\xb3\xa1s\x89\x9f\x033\xd2\xf6\x0f\xaf\x7f\xb55\xb2P99\xfbm\xbb4\x0f\x98H\x94\xb3\xe2,\x06\n\x1f_i)\#\xdaT\xce\xb8)\xd1\x85\xb1C\x0f\xa1f]\x84}^<$

 $\xdc\x9a\x14S\xc0\xadS\x92\xee\xaa\xa7E\xb0\xef\x89G\x86\xaf,>\x9f\xcc0\xfb\xfdshl\xef\x1c\x8d\xf2h=\x8d\xee\xbc\xb3\xa3\$

 $\x 97\x 9e\x 0 fine\x 0 8f2e\x ee; O\x e 4\x fe [\ri\x 12c\x f1/\x bc\x 0 6/\x 9 d\x 0 3 [\x d 9\x a 1\x f1c 2\%]$

```
x97\\x1c\\xea\\xf1\\xcd\\x04\\xb8\\x19\\xaf\\x91\\t\\x1f\\'x92\\xfbo\\xbf\\xf5\\xdcB\\x16\\x03/
```

B\xaay\xaa\xb0\xde\x90y\x93\x88\x88\xd6%\$cH\xffQ"y\xf6?

 $x91#Wxa5x96x7fxd4xabxbaagxc7xb9:lxc9xc7_)$

 $t1H\x06\xb2Vm\xe3\x956bo<\x95\x0fL\xf8\x8f\'sL\xe7\xbe$

 $x80*4G\xf3M\xbf\xec-\xcf\x94\xb9\xb8J\x0c\x941\xdd\xfd:$

 $x82:x12"z\\x81y\\xbe\\xab_x1a\\xf4?$

 $Q(x13)x7f(xbe)xe6(xb0)xbf(x99+k)xd9jV(x97)x10(x82k)xf4J(xeeP)x13&(x01)xb8(xb7)x8b(xa8)xef(xbf)xa7(xfb)xda(xa7K)x19(x02V)xfdb(x8d)xc3(xf4)x9e(xe3)xffYg(x9bo)xb6>M(xa3)x92.\xf9)xdd(x02)x85(xf5)xee(x97)xfc(xe2)xbf(xce)x83(x94)xee(x97)xfc(xe2)xbf(xce)x83(x94)xee(x97)xfc(xe2)xbf(xce)x83(x94)xee(x97)xfc(xe2)xbf(xce)x83(x94)xee(x97)xfc(xe2)xbf(xce)x83(x94)xee(x97)xfc(xe2)xbf(xce)x83(x94)xee(x97)xfc(xe2)xbf(x$

 $f\x04\x91\x04\x9cBI\x01\xa0\x88\xdd\x8b\xb2?\x0b\$

*\xa2\xed\x87\xb5\xfb\xdf\xa4\x9d\xd0\x83U\x80\x8c\xf9\xd5\xa53P\xf1\xf9\x

f5\x86\xce|\xa6k\x12JvS\xed\xbb\xdd\xff\\\xc2\xf9\xbd|

 $E\xcd\x91\xe6\x8f\x0e\xc4\xe1\xa4eu+\r2M\xef\xee}$

 $\xf7\x99\x0f\xce\xbc\xdd_(a)\xd7\x87\x1fd?\xdcylb\x06\x8a\xdf\xcb\xb4\)\xf9$

 $\x1\xcaYJ\x16\xcdf\xdeCKO\xf58\xc12\%\n\xa0Gf\x89D\xc2\$

A\x7f\x88(A\xda\xa2\x80\xc9\xd7\x8b\xd7,C6(%

 $\xb7\x11\xcd\xfd\xb1\xa4\xf9\xf4\xcd\x85\x0bC\AEc\xd7E\xa5\g\x1e\xc1\xc8!$

\xcf\xd8K\xd8\xaeR\x8461F\x13\x92XG0\x96\xb1*\x81\xbb|

 $i\x97\t\xad\x84\xae\x03U9\xe4\xbcQ\x973\xcdl\xac\xb9\xa1\xa9e\xb4$

\xb4\xc3K\xbb\xdf\xc3\xa7F-

\xb3\xba\x97\xa2\x8d\x0e\xc3\xde\xb8\xe37\x84\

x7f>x8eBxfc3x14xa5x8exe6<x82+xfdxae

\xc1\xe6\xbf\xe9\x82\x86PJ\xbdz\x80(x\xfeF\xc8\x0e\xda\x8e\xe4\x89\xe0}\x9

5\xee\x84B\\\xf6v\t3gs\x94\xc2\xd7\xa1\x88\x8f\xf9\xb0\xf1\$

\xfe\x873\x16)\xf2\x94\xa6\x8c\x13,\x82C\x06\xdb\xfa\x95rp\xf6s\'@\x88P

Q\xa8\xc0U\xcd\x04-\xc0\xe8\xd3\xfa\x94\x13%

 $x94\xbf\xa8\xcb\xe0\x83\x82iw\xc0\x<nL$?

P\xd9\xe3\xe1\xe0\xd6b\xe1\x03\x146"f\x80\xb0\x9c!

 $\xf0f*\xd7\xacx\xf6\xa77.p\x91\x18 \xf95\xe0\xebk\%\x94\xa8$\xbdDv\xcaj8! \x83\x9fb\xd5\xe9'\x8c2|$

\L\xb3\xd0R\xbc\x9cI\xc2\xbe\x9b\x85c\x16\x92\xa0v\xa6.2\xb0b\xe8\xc92\xf5 t\x92\x14\xec|\xdaJf\xb5\x0bc\x97\x13\xcaE&\xccZ\xfaF\xb9\x0eu\xde&j?
@x\xb7\x1f\x17\x8b\x93\xf4D\x07\x9e\xf3\x86\xa0\xf3"\xe5#\xa1>\x99s\x92 \xc2\xfc\x93\\x9e\xfa\xb5\xfe\r\xb7\x100\

 $\xc8\xb7\x94@\xf8;\xdf\xc1\xe6\n\x1dL\xbe8\xdbh\xcbj\xf6\x80\xd4.~\xef\xfdYy \xd5\x07\xb1\xbf\xa4\x12{\xeeb\x9b}:$

 $x0e\xfe\xbfg\xdf\xfc\x0e\x12\xcf\x8e\xea$?

2\xc5\xad1\xa5t\xbbJ\xfba4\xb6\xf4\x8a\x02\xfa\x92\xd5\$

\x10\x98E\x93\x9c\x062\xe8\x9d\xf8\xb28d\n\x95\xfft\x8e\xc2\xd9\xbcc\xcd~\x182b)\xb9M\xa2\xcd\x1a\tF\xf0\xf8\xc8\xff;\x90\x8b{V\x19\x92\x90C\xff?

 $\x 4\x 0 8 < \x 6\x 6\x 6\x 6\x 6\x 1 f 0 x f 3\x a 7 (\x 9 a \x 1 6\x f d \x d 0\x 1 f \x c \x b 2 a \x 8 4 \x d 9\x 0 1 X \x b f \x f c \x e f \x c 5 4 \x e f \x c 5 4 \x e f \x e f \x c 5 4 \x e f \x$

 $\x 45c\x 1f > \x 9\x efn\x d 3\x a c\x 8e\x d a\x e c\x 1b*\x d d v.$

\xc2{\xfec\xb9\xc0\x825Yx\x8aSN\x98\x88\xf3\x0eL,\x17\\

 $\xd1\xfd\xe7{v\x85\xb6hM\xe43\xe5r\xd5<\xe7}$

\xd5\x15\xe9\$\xcc\xb2\xef\x08>\x88\xd0\}

 $i^>Y<)s\\x1910\\x08\\xc9\\xcf\\xc0\\xf9\\xfc\\xd3_\\xca\\x84\\xfcAad&\\xd2\\x8b$

 $\adxaa\xed\xf1\xe2\x06f\x87,\xdc\xaf\xc3\xb2\xc8\xdc\xf0\xe6\x8e\x86\xbb$J\xb2\n\xbeE\xad2\x1b\x07\xd5\x0f?0\xb0\xef}\xa6\x1e/$

 $\xefr\x8d~S\xe0\xfd\x1b\xb1\xa0C\x18J-$

 $E5(\xdd\x87\xcd\xd1\xb4\xa4$ \$

 $\label{thm:linear_collin$

 $Ks\x92[\x86\x81\xed\xf6\xe1\tgJ\xe8\xc4\xfc\xe4\x96\'\x9e\xf6,\x8c\x0c\x8f\xfa\xde\xfa\x92\xf8\xb1\xaaF\x16\xda\xbez\x10\xf4\xf3\xddL\x89Ld\xb9\xb3S\xcb\x85\xef\x16\x18\xc6\x0c\(\xca\x99\xb7Qb\x8e\xb5\x9b\xe5\r^\xaeT)$

\x183GS\xe8c\xdfi\xa3 (\x1f\xd6\xae\xbb\xff

 $2\%N\xfd\x9aw\x83\x9c\xf8\xe1\xef\%U\xcc\xa54\xf3v~\xbdq\x8a\xff\{\x177\x99\xb2\xfdl\xd7\x1a\xfd9\x9c\xc3\xf1h\x95~\nlm_\xbaZY\xea\xed\x0em\xe4\xf4\xla7\xd5Z\xcb\{\xf1\xb4\n\&B\xf4\xd2\xb3)\xa4\xb4\xf6\x9d\xcb\x06\xc2\x16dRl\x1aP\xbe\x89b\x88\}\x81\x97\x9bL\xf3z\n\xaa\x95\xd0\xe2\xcd\x08\x8a\x99\x82y\x1a\x89R\xdf5!\x7f\x1c\xab\xa7"t\x7f=Y\xae\xe3\xdc\xca7\x926[\xc2\x96\xc6\xfc\x8966\xa9\xe2\xdd\x19\xf1\xb9D\xbc\xbb\x06\xa6\xcc,$

\xaa5R\xec\x0f\xbc\xb2\xda(Ku\xb2\xc9\xcc,

 $\label{thm:colored} $$ \x98\xe7[A\xca\x1fcnq\xffH\x8f\x12K\x00\tP\xcd\xef\xf5\xed\xdf\x96\xcbd\x86\xba\xe3/\xff1t\xbb\xe5\xdb\x1eXW\x957\x03[Mw9\xb2]_v\xf0\xff\x1e\xa2\xed\xb7\x83\xb4\x14d\xb6\#\xe3Ol\x87\xe8\x15\xa8\x98Y\xd7\xba\xee\xba<\x05O\x91\xe8\xe9\x10\xfc\xa7\xd5\xd1l\xb6\x02\x1d\x08\xeeJ\x99\x17\xda4\xd2\xd7o\xba\xf83\xd7\xe2\\xe1]\xfa\x95S\xa0\xce\xb3X\xb0\xe3,\|$

 $x14\xbd\xb5\x03\x8d\x90\x1cH\x8e$,

 $\xb3\xe2L\xaf\xc1t\%E\x06\xd8\xbc\xbf\x03,^\xf4\xf4\%$

 $\label{lem:mjb} Mjb\x80\xe0\x98\x07Y<\xc0x+s9\xe4\x95\xf9\xbe&\xe2\xc9\xc0E\xab\x86\xaa=\xbf\'-\x06\xec\xa7M\xf1\xa8R\xde\xb2h\xe8>/j\x80\xd8\xd0\xd4NFk\xfa\xf7,\x06\x0e\x1e\xca=h\x10\xd5\x9e\x88\xbaDK$

8\xf1\xf3\xac\xbe\x9c\xc7a(8\xbb`Y%

 $\xf27\x9b\x14p\&\xfb\xde\rA*\&\xb6\x04\xa0\$

 $\xbd\x91\xbb\xcb\x06\x8b\xda\x1b\xdc\x8e\xf30\xecI\x93P<\x08\xeam\xe8\xcb$ \$

 $\xf9\x90zL\xf09\xa74\xe3\x81\xfd\xcf7\x0e\xa8\xda\xd6\x0c3\t\xf7\xac\xec\xdb\xef\xef\xe8\x10\xb3\x9f)$

\xf4\xf8\x8f\xeb\xa9\xeezd\x9eX>\xac\r\x8d\xbdg\x9fn\xe8%

 $\x 5 w x f 2 x c 4 x 8 d x b d W x 8 2 x b 9 < x c 2 x d b x a 30 x e e L x 8 b 1 x e b x a d x 0 8 x 9 7 x e 8 x f 2 l x c 5 F x 9 0 x c 5 x 9 1. x 0 1 x b 6 \lark x a 7 x f 6!$

 $F\xe0\x02\xb0\x8bfi\xc1\x8d\xa5AL\xf6\xba\x19\K\x8f\xb4\%$

 $\xcfm\x94\xa8_\xa8<\#9\&\x0f\xd6\n\x82\xd3\x8d\xf6S\xack6\x91.\x88k\xd3\r\x88@\xd4\xa7\xcb@\xb4\%\xa2\x97\x95\x86\x96a\x8a\xda\xa3}$

 $\label{thm:linear_continuous_co$

 $\label{thm:colvable} $$ \x02\x0f\x7f\xccTdN\xcb\x1bGD\x82\xa5\xdfg\xcc\x8a\xc7\x14\xb5\x92MR\xd4\xd4\xd4\xbc\x01\t\x99\xc5\xf9\xb6\x0c\x16\xa3\x1eL\t\x11\x0cy\x8f\xdd\xca\x1a\r\xb8\xc3\xedsy\#\xdb\xcd=\xe9\h\x81C\xc0\xb2C\x1al\xc2W\xba\xcc\xeb\x84+\x89\x0e\x9d\x17\xef,$

 $\label{thm:linear_continuous_co$

 $\x0^{1}/\x0^{2}\x0^{2$

 $\xb3\xa1\xfa\xd4\xbf\x82\xfd\xdc}\xe3\xf1\xb1\xdc\x0b\xab\xc4\YS\xbdC@5\xfa? \x80\xa6\xb1\xf0d;\xff\x14\xca\xa4\y\xcd\x0bFf?$

 $\xcd\x12E\x99\xd4\x12:\xdf\xe8\x81^M\r^T\x9afw\xf5\xb4\x00\xe1\x94\xd0o\x8by\x06\xf6eD\x04\xb8_-9Z;$

\@\xd8(J\x9cJA\xa4\x88a\xcc\xf2\x99\x85c\xca?|

\xd5\xc3\x8d\xd3\xbb\x01v\xc6\$\x97\xd3,\x1e:+

 $Q\x14\x190\xb8P<\xb6\x08\x8e\r\nt\x8b\xaed\xecuY5=\xb5\xd0\xf3\xec\x98\x95\x954"\n\xec\xe6\x96\xc1\x7fj|$

 $\xf9\xf9\x91\x0e1D\xd7\x9b\x97\xe6\xb5\xde\x81\x02\xc1{@\#\xc1\xe613Z\x1c\x} ab\xad\x89\x9b\unzGX\%$

 $\x8f\xfa\x85\xb8\xeb\xa0U{\xf9c\x99h@\xc7\xe9\x16\xae-}$

 $x88u\e^9\xdfB\xf4E\x8ezf\xa2e^-$

2473>>\rstream\nx\x9c\x95Zms\xdb\xc6\x11\xfe\xae_\x810\x1d{FF\xee\xfd\xa5\ xd3/\xb6b\xc7I\xecN*\xabI;

 $\label{thm:linear} $$ \operatorname{trank}(x_18) \times (x_18) \times (x_18)$

```
8f\xcfms(\x18\x16\xda\x84\xaf\x00.\x10.\xad\x8dE\xb0\xae\xe5\x80\x05\xef\x886\xef\x8dE\xb0\xae\xe5\xef\x80\xef\x886\xef\x8dE\xb0\xae\xe5\xef\x80\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\xef\x8dE\xb0\x
```

 $7;B\xa66\x15\xec\n\x90\h?$

 $m\x8f\xbf\#\xd4\xe6\x0eA''\xb2\x0b\xedv\x1f\xbd4\t\xce\xfa\xda\x8fpo\x9a\xf6q\xbb\xbfDp\xb8\x13\xa7\'\xe9D\x80)\xcf\xe3\x01p\x84\xb9\xb1\x97<X\x93\xce\xa2M\x82\xdd\n&^\xbdB\xac\x99\x98\x0c\x97K\x9dbY\xb4\xaaN\x91\xca\x9a\xf0\t\x90\xac\x8b\au\xe5\xbah\xb2xFs\xab+\xdfEi\x84-\xac\xae\x95F?$

Y\xf8\x0c\xc8\xbfp:\xa2\$\xa0\x86k\xdc<\x8b\xd9\xc4.\x99)%

 $\x08CwUD\xbe\xfe\xaet\xa1\x04\%\x00v;$

 $\xbf\xda\xc7\xa7\xe3\xb1\xd9\xdf=\xb7\xebB\xaa\x18\xc3\xe3C] `? \x85\x87\x1a\xc2\&L `\x1c\\$

 $\frac{x}{x}$

= $\x07\xf7\x9b\xd5\x81\xc2\xea\xd3\xb0B\x9c\x00\xdd\xc5\xe0\xf5\xbam\x9a] ` xc3|\xe6\x80qQ)\#cp\x7f{\xda\xe5\xed\x1a\x07\xac?\x00\xe1\xf4L\x1d.$

 $\x84\$F\xce\x1c[pD\x91\#\x1f\x9fC\x9a\xb5\x87\xbb\xd5\xfd\xa6\xc4\xe1\xe10,>\x91\xe1p\x9f\x86Ep\x0f\x0e\x05tw\x80\x7f/$

05^(\xb7\x94\xf23z\xc1\xd0_\x9e\xe8E\x86U\xec\x89\x07#\xb90)\xafa\x12\xf6\x1e\x90\\

 $\label{thm:c2} $$ \left(xff\right)x=2[zT\x80\x9b\x18\x9a\x0c\xff\xc2]\x93\x8aJ\xdby\xfeU\x88\x9c\x14\xe0i\xb4\x15\nUM\n\xf0,\xffrD\x8a\x13\xfe\xe5\xd3\xfb\x0c\xcf\x0en\xfe\xd2I\x1f\x87\xde*\xc3\xbdaO\x92\x92\x14\xc8oL\x96\vJ\x96\x1c\xe1f$

 $\xcb\x11\r\xf2)\rZ\x84\xabe\x1a\x14\x01\xd8g)$

 $\label{thm:linear} $$ \xd1^xa6x\xc5MH\xd9\xd7\x96\xdb\xdd\xaei\xef\x9av\Yd''\xcc\x11l\xe5\xee| \xe5j1\x1e\x99\xca5CE\x1c\x91i\xe5\x9a^\x11l\x86\x81\x16T\xb9\x0e\xc4\x9d\x1e\x1c\xb6m\x00\xecr\xe1\xc7f\xf7\xeb\xb1g\xedl\xe5\n\xfb\x04p\xecs^\xbc~| \C\xba?$

 $x15\txd9\xa4\xed\x84\x0e\x01\x80\xd4\xf9\xf1\x82\xb7\$

\xc1\xa7\x11\xce\xf5\xe2\x9c\xa1\xe3\x90\x94\xfc\x8c\x02\x1a\x8f\x8dSi\x99\xd2\xf14)\x18(\x18T\xa4,\x0eJ\xfeG\xf7>\xf56\x14\xa1\x1e\x91b\\8\x17\x92\x12[\x03

 $\label{thm:colvad} $$q(xc0)x1a(x)d(xef)xf4(xdc)xe0(x04)n(x)1ca(xa8)(x9c)xab(x9b)xdd(tr)x8e(xb7a)x8f(x80d)xdd(x9c)x9a(xb4)x10(xb7)x01(xf8)xf6~(xb3)xddGR(x9b)xe4:(xf06)xec(x89)xfa(x86Q)xd1(x9a''(xbd)x8b(xc8)xa4h(xcd)x95)xc2*(x98)x1b(xa0)xb3(xa50P)xb50(xcbc)x16(xd0)x00(x81H(xb94)xe8)x80(x8b*(x90)xacS)r(xc8)xdc(xf4)xb0('\xa2)xae(xae(x68)xe4)xfb(xa5m)xb6(x87)xc2(xc68)xb6(xef)x80(xef)$

 $x\x07\xd8>\xb8y\xc5P\x88\xd7\xe7\xd4\xae\x02\xa1bQ00d\xbd\xd3\x83\xa4\x89\xc0\xe0\xb8\x85\x12\xf1n\xccT\xfa\x90\xfe\x00t\xf9J\x7f\xd2\x99!$

\xb5\xf7\x86\x89 \xdd\xb4\xd0W\xd1\x035\x1e\x8de\xae!3\xd1\x83\xee\xcc\$ \xf3\xaa\xe0,\xdcX\x80\xeaxc\xd4\x9f\xb5\xf4\x91Gt\xca#\xa0\x95\x00\x95\xe7 \x88\x0f\x1bA\x83\xdf\x8a\x15nwW\x07\x08EG\xb5T\x90\xc34\r\xd0\xfc\xdc\x8 2<\xa4X_8\x94\x15\xc0"\xa1K\x92\xc0iA\x9e\xa9\x1f\xc2\x03\x9c,_o\x9b\xcfM\ x1b\xb3,\xc0Sq\xd3\x18B.\xe3!

 $\x^{f}\x^{$

\xab\x81se\xe9\x08\xa1\x96\x11\xbd \xceI\x01\x83\xab"\x18\xd5G\x8bR

 $\addit{xa6nA}\xf2\xf8\xf9\xf0\xf2\xd5\xf2\xf8\x9a\xc0-$

 $J\x01\xf4\x8f\x03rN\nl\xdd\xbdz\xb0gH\x81\x1e!$

gF(\xf0,\x00\xcd\xb9#\x14\xf0\x93;\x13\x8f\xa68B\x81!

 $\x7f_\xfc\xd0\xb4\x87\xe6\xeb\xcbB\xb6\x0b\xc10\xdc\xfdp\xfc\$

 $\x17\xbb\x06h\xfc\xb9\xd4cN\x16\xa5\xae\x01YQ\xd2\xbd\x1cRb$:

 $\ada'0\x94\x81\xb2\xa7\xbbo\xabCig\x02z!\x00\xaa!^M/$

\x99\x13^\x06Q\x02t\x97=O\x0f%

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84\xa6l\xbf]
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 $\x0bY\xddI\xa3\#\xde\.\xf9E\xe5\xf2\#\xf8\xdc8\r\xd2\xb5\x7f\xdd\x0e\xfaT\$

 $\x0^{\x07}\x0^$

 $\label{thm:linear_continuous_co$

 $m\xd3IV\xbe{e\xdd\x17\x01s4\xc8\xab~\x861\xc3\x82\xf8;\x0c\x9a\x8f\x0f$ \x98\xc9! }$

\x90MIs\xb7\xeb\xa7\xbb\xed\xfe\xf0\xb4/\r\x87\xe0\xda\xf3\xaa\xaf\x82P\xa9\x8b\xd5.\xc4\xb3\xaf\xc4\xfa{\x7f\xf1\xf6\xe6\xe2\x0f\x9bHTZ\nendstream\rend obj\r51 0 obj\r<</BitsPerComponent 8/ColorSpace/DeviceGray/

DecodeParms<<>>/Filter/DCTDecode/Height 1248/Length 26120/Subtype/Image/Type/XObject/Width

 $0P40,0bFJ:Ptfzxrfpn\x80\x90\xb8\x9c\x80\x88\xae\x8anp\xa0\xda\xa2\xae\xbe\xc4\xce\xd0\xce\$

 $1A \times 06 \times 13 Qa \times 07 \text{ "q} \times 142 \times 81 \times 91 \times 142 \times 81 \times 91 \times 15 \text{ R} \times 15$

\x00\xf7\xfa(\xa2\x8a

 $a2\x8a(\xa2\x8a(\xa2\x8a)$ \xbc\xd3\xa8\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a)) \x9c\xd3\xe8\xa2\x8a(

x8a(\xa2\x8a

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x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa6\n;
\xd3\xe8\xa2\x8a(\xa4\xa5\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa4\xa5\xa2\x8
a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\
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x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14QE%

\x14\xb4QE\x14QE\x

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74\xb1;]*\xc8m\xf0\xe1\'\x14\xf3\xd3^M\x14oN\x08\xd9a\xe5\x12@\xd0\r\xd4)D
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cW\xc\x93\xf3M\x9e\xba;\xc6\x9f\x1e\x1fW\x13n\
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\xf4q\x8aDNI\xa2\x191+GE\x18\xf6\xb6\xe8\xb5"M\x8c\xf605\x13\x07|
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 $\label{tolx1d} $$ \x86\x00\xd7\xeb\tO\x1d\xc\xa7K3[\t\xf6\x87\xda\xbb\x0b\x0b\xdf\x87A\xb1\xbb\xb1\xc9\xb3\x07\x90\xd5zsy\xdb\x04\xf8\x95\x01u\x82\xf3Ph\x08\x90\x1aU\n\xe8R@r\x02\xa3\xec\xda\x90\x92\x1b\xbe\x91g\x8fD\x9d\xd5O0\xed\xe0\x02\xb2\$

 $\a4h[rA\xfb\x000\xf6~\xdc\x06V\xc1\xdfr\x01SI\xb3m\%Q\xb7D\x17\xcb/$

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57\xe8\x1d\xa7=\x01\xc2<\xf49\x08\xb7\xe6\x1a\xfc\x93\xf1\x0fm\xba?

s\xf9j\xee\xb3\xd2S\x07@\xa1j\xe3P\xc1\x99s\xa5}\xa2qufi\xe5&G/

 \sim 5\xc1c.0\xf8.\xbb\xf4\x1c6\xaf\x9c\xbf\x1b\x84\x1a:\x02Bj)

\x12\xe7w\x18\xf6\xaa\x95\x03\x18;9\xf1\$\xac\xa3\x1f\x11\xe6`:

 $\label{thm:linear_continuous_co$

 $\xb1b\x95\xfd\xb0\xa0\x13p\%S\xf3\x02\xbb\x82gh\x84mk\xb7R$:

 $7G\x12:\x=\x95\xd9P\x0e\x7f\xc6:\tt\x92\xf7\xc5\x12\x01\xe6\x81A\xd7\xf3\xc9C\x10\xf90;\xa3\x87:\xf5J)\xa2b\x0e-$

 $\xe5tB\x83\xf7\x01\xb1\x02\&\xa5w\rn\x1f\xffg\x05\xf8_\xed\%$

\xc8\xb9=\x0f\x81d\x0e\x1a\xe1\x89\x9e&%

 $\x 96.\x 9d\x 08\x 09s 9uAcq\x 8b\x 05\x 1e\x 03\x 06\x 9b\x d8n\x a6\x 89\x 98W\x 96\x b7;\x 85B\x d0\x 0c\x bf 4\%\x 82\x fd +$

 $\xf9\x02\x08\x02\x6\x02\xff\x14\x01\xf2\xfc\x1e\x8f\xd5\xa7\r\xb9\xca\xad\xd6\x91\xb5\x14\x^{}$

 $I\times16\times8a$ $feP\times2xef\times2xeb$ $feX=16\times8a$ $feX=16\times8a$ fe

 $\xc7\xa3\xb9\xca\x1d\xda\xfb\xb4\xb7\xd7\xcc\x8d\x80\xb8$

q\x86\x99\xaf\x11fB\xfd\xb3\xd6\x02tr\xb0\xa1\xa5\xb5\xa8W\x93\x8a`\xb9\xd

 $\xf1\xba\xfd\xcbM\x83\x87\xd5so\{O>=\xe1P\}\x1b\x8e\x11\$

 $\x02wmxpi(\xd4\xdbD\x07\xbe\xba\xaei\xb8\xeb$\x16\r\x8d\xca7s\xab\n2R!$

 $\xdd\xbd\%\x9dy\t\x00\xf8W_\xb4u\x19\x12\x98\xaf_\xfb\xab)$

\x9fBZK\x97\x89\x8dnh \x90=!

 $\xd7\xbf\x18\x7f\xbf\wi\xb7\xd9u\xd5D\xdd\xf7\x14\x07\x95\x02\x08-$

 ${xb8Sxffx7fxf0Uxbd]x1c}$

\x12&e\x9a\xbaJ+x\xf3\xf9\xa1\x97[\xc8J.Y*tK\x134<\xa1s\x11G\xd6\xd5\xcac\x 88\xff\x11\r:

 $\label{thm:linear} E\#\n''\xbe'\xd'\xf4\xb0\x87y\x06\xe7A\xf7r\x8dH\xf7\xc6\xa5\xa2\xf1\x87\x83u\x9f\xb1\xf3\x0e\x1eS6\nU''\xff=\x9b\xb7\xdf\xf7\x19\x0c\x11\xb3;\$k\xa0\x92\x9a\x9d\xbe\xe1)\x11\xd9\x1f\t\x07\x98\xda\x80\xaf\x17.\xc0\x84\xd9\xfa6\xc4\xbc\xc54\xe2\xe0C\xc4\x86u\xae)$

\xc3\x95\xa2\x00A,\xb8%,\t\x86^b0\xccJ\xf3\xff[

\xc2f\xbf\'\x06\xf8&6\x90\xfe\x82\xa6\xa54%

\x1eDK\x97\x0f\xf2\xa1\x9e\\hi\x98\x0c\x82\x99bX\xef%

\xab\xb7W\x9f\x86[\xcfH\x18C\xf8\x97\x9a\xa2\xe3|\$

\x97V\xe3\xda\xf2\x1c\x01\x91\x9f\xa2\x9cyK\xd5\x1bx\xba\x18\xe6\xf9\xd0\x9

```
d1GI\xf7\xf2\xfa\xc5\xbe\xa8\#I
```

 $B\x19\xdd[\xeb\xf2d\xe0v\x19/.1n\xc6\x9d\x06\xbe\xb1y\xd3\xbd\xcf\xe0\xea| wdn\x93\xb3\{\x99-\x14rr\x95\x0f\{S\xe2n\xa4\xfc\t\#\xb7$\xb5+$

 $\x = 1\x 9a\x f 0\x 97 < T = \#\x 07\x f f 0\x 83X \t\x 84\x 0c?$

 $\xf5\xc4z\x1f\xec\xc9\x1b\x9b+\x1e\x1eo(\x9ed\x06\xdd\xc6\xd0@k$

 $$$ \c2hQ\xb9\x01\xad\xbc\xa4\xd4o\xb2\xec\xa8\xc4\x12\x8a[\x89\xd6\xbb[\xc4\xf7\xe8]IJ\xbf\xff\xf8r-,\x8d\rQ0\xcb\x17)0-$

=\xf2\xd2fb6\'\x0b\x98\xf3\x83>\\\x8fiC\x90\xd9\xcc^\x00\xa7\xe2R}

 $x91\xb9\xf0\x1e\x97\xf2IB\xd0&\#\x07Z\xcds8m\xb35S\x89\xc4\x9aW\$

%@\xc0Z6\x95o\xbc\xb9\xeeJ\xdb\x0e\x1fs\x8b\xeb\xf8?

 $b\x13\xa5\xf4\x8d1\xaf\x81\xfe\n\xcd$

 $x82x89le0xddx11xf2]YxfeJxc2_xdaxecxa4x9fxf0xec3=7%$

 $xb8\xb5\xf6\x99\x18\x88\xc8\xc8\x97\x97\xf2\x94\[Jp\xce\}$

\x06\x9e\xf7M\xf09\xce\x10.\x05\x8f+\xd6uH\x1ee\xaf\x83\x83/\x05V]o]

 $\xa2\xf7)\xf5\x11\xbb\xda\x18\xa2\x89L\xf4\x9a\xb5\K\xf0?$

```
\x 96\xfd\xb7\x88\xb2\xe3\x9f\x989\xd9\x13\x83\xcbM\x12\xe4\xaf2\xb5\xe5\x8e
```

U5\x93\xfe\x07N\x92\xbeg\xcdJ\xb8\xb8\xe9:;\xbc\x16\x16\x1dB\x14\xe4\xe5i\x1a\x ee&\xba<\x06\x97j\x05:\x8a\xe9ZL\x9d\x8d\xa9\xa7\xd9\x93O\x941\x1b\xeal}

2\xed\x81\xbaN\x9c\xc1\xa1A\x81\xf9\xf5\x03\xc4\xe4\xdbg)\xab! \xb2\xf2\x16\xcanx\xc9\x02\xac\rf\x9b\xb5\xa3\x08\x7f\xe8\xb3\x12L)

 $\xf4\x026\xbc\xc1u\$

 $\xfb\xa4x\xe7\xc8\xf4<g\xde\xef\xa7\x88\xa9\x1c\x80i\xdd\x03x\xed\xf9ep{\xda} oATt>\xc1\x03\xd9\xed\xa2\x88\xe2/3FLW\xc41\x19)>sIF\\xa73 &:\xb3H3|$

 $\x^{19}G\x^{10}C\x^{10}x06C\x^{$

x9cxa0x8cx9bxcdxa3x18xbcxedExa23R?gxe9q

 $\label{thm:linear_continuous_co$

\x82\x8b\xb4\x15g\x14\x0e\x8e\xd1z\x11Qu8\xc4\xa4\x1eh\xf7X\xdcj\

 $\label{thm:linear_continuous_co$

 $\label{thm:converse} $$ df(x90)x19n(xd7)x0fB(xc61UG)k(xecY)x13((xe0)xb1X6)xfc(x84a)x99Z(xd0)xc68(x9ao)x17v(x84s)x92(x17)(xa2)x98(xa0W)xb8(x95J)x028Y,MI(x12)x19v(x12~S)x7f(xcc)x1f(Oh)xfcX(xc7U7)(x82)xc0o9Ce(xc8z)xdb(x02L)xd1(xea)x1c(x84%(xd8)Q)xe3C(xbb)xca(t)xa4)xf9(t)xb3?$

%i\xfc\xe9\xb4\xc9\x1f\xff\x7f\xd8J\xc7d\x07B\xf3L\xb4\xe3\$.

\x9cV\x19\xca[v\xcdL\x0b>\xd8\xbeV\xaf\xfbw<\x9b\xa5\xe0K\xbb0+

\'\xdd\xd9\xb1n\xef\xb3\x12<\x8cPcr^\xbd\xce\xc8\xd3\x98\xf4\x95H \xa00g\xb0\x8c\x16\x04\xe2!

 $\xdd\x10\xf7\x9aW\x7fN=\x8a3\xa4\xde\x83!\x08x;\x11C,$

 $\xb3>k@\x1d7\xd9\xed\xf2\x1a\xd8\xb2\xc6\x87Y\xe7Z\xe31_\xd5D\xbaU\xed\xc6.\x1d2A\x02\xf66_K\x95\xf16\xd7dY\x98\xf4\xdb\xfa\xb6\xa6\xe4P,$

 $i[w\xf3b\xb1\x0f\x02\xf50\rZ0\x19EG\T\x84a9\x0cU\x190\x0e\xd4GG\xdd7\x8a\x90\xdd\x0e\xf8\x04\xaa\x07\x1a\x1ai\xado\C\xdb\xe5\x16\\xext{x}68\}$

 $r\xffFR\xa4\xf4\xa1@A\xf3\xec\x8dd^\x0c\xe3\xc8\xc8\xfbh\x94\xa4\nj\xa5r\x00\xef\xdd\xc7\x00\xe2\n^*\xa7(\x10+g\xbf\xf7\x84e\xb3\xeb\xce$

\xa6PJ\xb5\xe7i\x05e\x9e/\xf9\xe5i>\xb5U\x05K\xbaW\xe0&\x06!

 $\xfe\x90\xe1\xbb^lh\xc8u\xbc\t<$

 $\xca\x99\xfaH\xa6\nE\xd2\xe6^\$

 $\x 65\x 68<\x 7f\x 69\x 14\x b 3\x a 0_\x 0 f\x 99 + <\x 89\x e 1 E\x 17\x 0 1 T\x f e 6\x 8 c P\x a a / Q _\x 15\x 9 1\x 9 2\x b 6\x 0 f\x c 0 gm]$

4N\xfe\x8a\x1b>\xab\xc5\xfaC\x83\x0f&:\x18\x83\xe2)4\xe0|

 $\x 19\x 9f\x f 4\x b a\x 9 \x f 5\x 0 4\x b 2\x 8 4\x 8 a\x 11 GD\x e 4 d\x 1 a\x a c\x 9 7\x f f 5\x f f \x 0 5\x d 6\x 0 6\x a b_Bra O\x b e v 8\f,$

\xf9\xf0^q\x96Ds\xe4Z6\xf1\xb0\xa2\x9dm\x8c&\xa6\x95\x96\xaa\x0eZ\x8b\xf

 $1\x08YU\xd7T\xd9\xb1\x97\x9a\xa4\xe5+$

 $2\xc2\xa3\xa1W\xe8\xd1''\xfb\xd9cJb\x1d\x06\x18\xacW\xba=4o\xf2\xa4\xf9\xc0\xbd\xf2e\x10\x81u\x11\xc7\xe4\xde\xfa\xa2\xeaE:$

 $\label{thm:linear_continuous_co$

 $Df6\xfd\x01\xe6j\xe5\x053\xea\xb4\xbf0\xfa\xcd\xb1Et\xc5^\xe9\x0b\x9e\x08\xo14/!\xcd\x11\x87\xbe|I\xdfH\x9d\xd4\x7f4R\x91\xde\xe2(Y\x1a\xae\x1b)$

o\xc7R\x7f\xfa\x98\xd3\x8b\x953\x86V3?

 $v \times 5 \times 9a \times 1 \times 9a \times 1 \times 9a \times 1 \times 9a \times 1 \times 9a \times 10a \times 10$

\x11\xb5\x13\x03V\x7f\xa5i\xf8\xb9\x0b\xa1\xcf:

 $\label{tsrtr} $$ \operatorname{TR}x1fT\xce\x9e06\xfc*8\xff6\xd36\xbf\xde\xb7\x8d\x90)\'\x07\xa0@\xe6] \times caO(\xe7\xd3F\xa3[\xa2\n\x88\xc0\xc8o\x9d\xac\xaeO\xde\x8a\xd2k\x10\xfbn a\x0cXNZ\xaa(\xe0\xde:.\x8e!\x8d\xbd+$

 $\x = \frac{(Y^x6)}{xe} \times (Y^x89) \times (Y^x89) \times (X^2) \times (X^2) \times (Y^x89) \times (X^2) \times ($

x148zx6x98x9bxa7x66x01xe3x88xccxb2x04xfdx0cxba

 $\x<4\x8c\xd1j\x9e\xf6W\xf6\xfa!$

=\xe3\x8a\xa0\x13*\x87\x93Q\xd9\xb0\xf2\x9a\xf5\xbc\xc1\x0e\xd1\xe3^\t\xc6o WiE\xed\x9b^?\x0b\x83)\x85\x81\xd7\xfbCS\x0cm\x0c|\xd2\x90\xfcy\xecD@|

```
\x14a\xa2\\
\xd0wt\xbf\xa8\xe4n\x14\x162x\x08\xd4c\x90\xfa\xc6<\x81\x9a\xe3\xc2\xecUz\
x97
\xed\xe3\xc4\xe3\xcf\xc4\xeb\xc2\xc4\xeb\xc2\xcd\xdf\x89\xcd)"\xaa\x89\x04\xd5
[6\xe7\xd3\xa2\xf2\x90v\x97\xfd)\x03\xb5Gs\xe7\xe6\xc2?
\xa5\x85\x89:\xb6[\xd7>N\x0b\xdc&2\x0c\xc5\xe1(P_o\xb4^\x17!-
x14\xfe\x04\xe1\xa0\xe9\xcb\xdd_)
\xff80F\tZ\xbdb4\x05\x01\x02IW\xb5\xf7\x97\x91e\xd3\xea8\x99%Yo\x14_\xab
Z`7\x89Ee\xc6\x15g%\x18\x82\xa8\xb8{\xa52\xf6\x04t\xdd|
\sim_\xe48[tw*\xcfL\xd5E\xfb^\xab\x95\x9a#\x8cT\x9c\x81\x15\x0b\x1d\x85f\rx\xf
a\xa2>\x17\x07\xde\xdfw\x96\xb3\xec\x17\'\x8d\x85|\x16\xaa\x14\xbf,y\x0e\xfbS
\xf9[z\x16\x9e9\x8a\xfa\xf5jG8\xe0\xad)c\x02C\x13E\x91\xf6m\xcc\xae\x9b\xe6
x03'?xd2xddxddPx7fx1arxa7ox94x88x01`x8ex03x9b;
x94Rxa4xb4xdcZxd9rx18x1aqx87xc8xa8xa3x04x976xc1xf0xa3xf3x
x18L < CJ \times 5E \times 61 \times 60 \times 10^{1} \times 60 \times 10^{1} \times 10^{1
\xd5d\x180\xc8\xe9\xfc\x94N\x93\xdaxv9k=\xed\xe8\x96m\xecR\xfbw\x1fW\x1f
\xa6\xfd\xfc\xdd)\xa3\x1baw\\
\xf1\x006\xe9\x84&\xd3`\x93\xb2\xd6f\x8e^w\xa7V\x10_i\x05\xb4j\x7fs\xba\xb
3\x82M\nf\xdcr\xe4h\xe4\x8e\xdf\x9f\xddM\xd2\xda\xd8
\xb0\xc8(\x1c\x9fs\x8e\x8c\';\x13a\xf3@\xc9\x80\xc4\xd2M
7\xc4\xea\x8a9&\xa1\x9d\xa2\x89\x0e<.\xb3%
\x1d\xcc\xbdJ\xc3\xae&M\xb0\'D-\x99\x82\xe1F\x10\xbb-\xf9/\xca?\t\xa7%
\xf7U\x92\x85\xdfG\xd0C\x97\xfb\xe6\xc9\x95:p4:Yfs\x03\xc4U\xcc:
\x86\x1b\xbe\x98F[\xd0\x18\x15\xe8\x84[q\xba\xfb$\xe8\xb7\xb0d-
\xa6\x9b\xe6\x05O\xd6D\xb5\'\x0c\xea\\
\xbe_{xb7ZH}/\xe_{x92}/\xe_{xef7X}/\xe_{x0}/\xe_{x10}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/\xe_{x96}/
8bH#C\xa9\xd2H.\x14\xafM\x19iL~\xa5x0_\x9c\x0b\xe8\
\6\x8a\xce2\x87\xa9\x12\xe1\xc9\xa9\xfcZ\xf2\x10\x90\xd4\xacqI\xca\xa5\x8a\x
0c'\xce\xf0\xe77\xe2\xbfOY\xe4\xe5\x8aY\xd4\x8b\x17;jG4e\x197tn\xc0\xc6TV
\x14%
\xfc1A\xed11>kM\xba`rVO*\xd2\xcfb\xdd8\xbb\xad\xe9\x8f\xec\xe4\xde\xf5\x85
\xbb\xb7\xaa\x87@\r>\xf0\xb2\xe9(\x87Q\x1c\xf8\xfbj\xfe\xe3?
\x9d\xa3\xbe\xac\x83\x16Q^\x13\xc0\xe4\x94\xdf\x15\x89|\xb2\xc9\x04|\xb0
h\x0c+\x85Wq\x0b?\xfe#\xf8K\x06{\x0b\x95\x1d[\xe8[II]\xc2+(;)
\x93\xa6\xe3x\x87\xa9\xe8\xc4\x1cU\xd1\xf4\xb4\x82\xc7c\xd7\xff\x1ac4L\x89\
xd8M\x16W\x31\xf0\xeb\xd6"\{NU\xcde\x0bGA\x8a\xf2\xef_Z\xd3\x92\x8b\xec\xd8\}
\xffO\xb6\xce=6P\xf5\xe6\xc7\xe1\xa1\x0c\xac\x8f\xb4\xeb\&HLf\xd1\xf5\x90\xaf
H!
6\x94\x92\x8c@cA\xf3\xf7\xa7\xf2\x9d\xfd\xee\r\xcc\x1d~\xbc\xc30\xb9\xec\x0
f5s;\xd9\xce\xa2\xa2\x9fl\x16&\x1d&\x97\xd8O\xf3\xa9)\x06\xa6\xbeg,\x0c.
\xfcg\xb0\x8f\xab\xde\xb7\xf7\x1d\x1c32\xbd\xc0K6\xc0K6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc0X6\xc
\xfa\x93\xb6\x88y!\xbd\x86-
\x04w@\xd4U\xb9X\xad\x93B\xd9\xdelT\x0c\xe46\te\x1fWd<\x89\xf9\x89\x90\
xb6\xc9-\xe5\x8e\xe8\x9a\nr\ru\x079\x14\x88,\xde\xa1\xc6W\x1d\x11
```

\x8d\x0c\x83\xfe\tL\x9e\x81\x04\xb4\xc3\x0e\xeb\x9e\xef\x1cg\xb8\xc8:\xe8e\x 7f\x97\xd9\x87[t\rlh\xa5\xc7=\xacH_\x9c\xf6\xcd\x03\xa9\xfb\xeeRM\xf6\x02\x $d41L\x80\xc0\x19\x17\xf4\xf6\x0f0\xd5\xab\xb3\xab\xb1\xdf\x88ZY\xba\x02\xd7\x0f\xd5\xad\x94;]\x16G\xa8\xefb\xf5\xd3\xc5\xb2\xb7@\xc4\x1a?$

 $L+3\xd0V\x7fGAI\x7f\xe1\xaf\x14\xac\xf6\xdf\x11v\xdd\x04\x13w\xabM\x1ai\xfdU\x1b\xd2\x16\xc2\x99\x1d\xdb\xdc\x99C\xdf?$

 $\label{thm:linear_control_co$

3\x1e\xbfa\xa4\x1b\x8d\xe7@\xa9\xe4\x88\xee?

\'={\x8b\x87^\xc2\xe8\xde\x06\x06a\x10

\xa4\x16J\x9eGF\x88\xf0\xfe\xfd\x91\x82\x8a\xa5@`e]\x1a(\xb9\x88q)

L\xcb\xe4\xbb\xa6@M%

 $x8a;B\xeb\xde\xa8v\xf2\x0e\x98$

\x80"\xcf\xb5\xdc&4\x02\r\xf8\x18]\x03J<8\xff\x1c\n\x13|\x82+

(^3\x9da72\x05X\xf5\xfe\x99}\xc1i\xee\x9e\x83\xbb\xf5E!

 $\label{thm:linear} $$ \xb0\x9a\xefR\xc4{n\cdot xda\x14D\xcd\xe8\x08\xeb\x19\xbe\x0b\xcc\xb9\xa3\x07,\x12\xf6\xa9\xef\x83\n\xb2e\xa2b\xe0,Gv\x13\xa2\x97\xe2\x83\xa3\x94\xdag\x88 wN\x04\xf1\xaf\x0cf\$

\b\xf7\x96PFJz\x8f\xf7\xba\xfft\x17\x9ey\x1f\x13kG`\x01w\xc8\x19\x0b2g\xda\x

```
b6\x96\x86.:\x80\xb3W\xab\x98Rb\xf1\xf7\x1e\xe1\x94\xb9!
```

\xba\xed\xfc\xa1A\xcb\xbc\zq\x11x\x0e!\xa1\xfc\xbb\\

 $\xcd\x92jW\x80:Mn\x80\x9b\xf2$U84,\xcal=)\t\xd4\xfb\x9b,$

 $\label{thm:collinear} $$ \operatorname{l}(x_0,0)/x_0=\left(x_0,x_0\right) x_0(x_0,x_0) x_$

 $aM\x8aw\xb5\xe6\x8dxk\xe9\xe4TN\xba\xc5\x13\xc2\xa2\xc4\x94\xab\xf4E\x9d\xa6\x04\xd0\xbc\x19gK\x85\xc9\t8\x7f\xd5\xb8\x18} $$ \x01\xb6\xac\xe6\xd1\x8a\x93y\xc9\xf5\xe5\xd5>\x07\xf1\xef\xb2\xcf\x8d\xb4S\xc5\xedC.\xb9\xbc\xc6\xf5\x91O\xfa\x9cw\xd4-$

 $\xc2\xb6\x18\#\xe6\xd2b\x8d\xb0I\xd7\xe6\xd8(P\x1b\xc3L\xb2btsPk\xae\xcc6Z\xf6\xc8\xdb\x08\xf4?$

6DT\x01\x1a\xe9\xf2\x85\xd0\xdf\xed\xcbj\x12\xfd{\x1db\x99\xe9\x8d\xbe\x1f\x ef\x8c\x81\x97D\x03\xb2\x18\xb5g\x929X@\xf1\xa3>\x0c\xe2@\xc1l\x9a~\xb6\x 84:\xde\xb0\xbe\x17\xb6ZO\x12;\x1c\xa3\x11~\x98%\xe2\xb5\xb6?

\xecjk\x15\xb1\x03@Ct\x96\x9d\xd8n\x15\x9d\xb7P)Z,\xe1\x85\xe5\xaa\$

 $\xb5\xf7\xd4V\x05st{\x14\xfc\xa9\xb9\xe1\xg0\x0bv@\xc7\x8b\xa13H\xb3\xf5\x96\xb5\xe5\x19\xf7-\x90\xf8\xf4\xe6,A\xb4Ds\x92\$

 $\x9f\xb7\xeb\xf1l\x9a\x12\x186D\x82\xlephi\xd7\%\xad\xd7$

 $\xb2\xbb{\tcQ\xd8\x8bfS\x88\xe3\xb5\xc2r9\x99\x9cEk\x10\x86\xf6\x1bgQ\xf0\xe4\xafM\xe6\xa7kk\x90a!$

 $r\xd3)\xb1*)\xfes\x08\xa4\x08\xc3umd\xefa\xdd~)$

x89sx9bxa4xc5Qkx85x05x1ax1exbd:

 $\x85\xce\x10\xae\x0f\n\x1c\xb7\x84\x1e\xdd\x80\xv\x93\xde\x83\x9eq.z\x94;\x0c\x1f*\xe5\xd0H\xe6\xbb\xec\xcb[F\xe7\x1f(\xbb\yc\x00t8\xaft)$

 $x06S\xcf\xff[j\xbe\x9b\xc6\t\xb5]$

x8fxf0xb9xfbB#x7fOgx93x8e

\x85\x06\xe5\xddUt\x99]\xd7\xa4\xce\x82\xeb\x9f?

7\xf0\xaa\x8d\x05\xcdN\x89\x82\\X\x84\xfa\xfccK\xde\xd4N\xbc\n\xe1\xfa| \xc2Ohqq\x8a\xd9\x13=\xd7u\xcb\x08\xf8"\x93\xa3\x11\x86\xfe\x97\xe9`I7\xaa\ xc2\x8d\x85\\xd5NI\xfd\x96B\xfdt\xd9\@\xbaQY\xfae

G\rq\xb7\xd5\x88pNNA\xe7\xeb\xb45J\xcd\xf7{\x9e\xef\xf89

```
cd\xdf\xdd\x94\xfe_\\
\xbd1\xc\xec\x05\xb2m\xff\x14\xf1\xfc\x8a\xbe\xb1\xf2@\x17\xa5\xad\xa9\xc5\
xba\x06\xa2m-\x16\x0c9\xdf\xdd\x05\xe4\x9cy)\xd6\xc78L\x15\xb9fGG
\xde\x91\xf7\xf0<s\xe1/\xda\x8fNm
\xacQ\xa5\x10`\x12\xfff\xa3\xc3P\x9f\xce\x8c\x1d\x1e\x8e4\xc4B\x9d1O\x1cz\x
81&J\x99\xd5\xbe0/\xaa#\xdboJ\xb2W\xf2\xdb\x89\xecH\xe3E\xac\xa1\x0e
\xc2\x0eK\n\xe3i\xa0\xc4\x83\xe2&T\xe9_.q\xaa\x1e\xa3\xbb<\xce\x16\xc8\'A\x
d9l\xfb5\xb0\xda\x14L\x94\xe3\x11\x17XJ\xcb\x99P\x8f\x90\xba\xe3\xf30\xf9!
Mix11i\sim x0fxa0x16xadxbfuPqx07dxd8xc7x96xeb+Sx92x0cx87xb8x8
f_rr\xe8\xed< \xdeTK\x14L\x88.F6\xc7
\xf0\xb76\xdc\xea\xa4\x10\xd5x\x94\x19\xaae\x198\x88^\xda;\xbd)
\x0c\x9d\x9b\x01\xc9t\xe0}\xb3\x12\x8c3pp\xbf9\xd5\x18O1(8U</
ge\xe4\xaa\x9c\xaa\xad\xbd6Q\xb1\x8ee\xa2\xc2\x87\xdd"\xa6\xbf\xc3\xeb\xf6;
R+<f(x85)xdd(r)x19Y(x98G)x9a(xb7)x9f(x83cn^(xc5)x01)
1\xf0\x98Q\x0c\xd8\x81:J-
\xb8:\xd1\xe7*\x0f\xe6O\xec\x12eDf\x82\x06\xfb\x7fU\x93\x06\x84\x08\
\colored{|xc9\xfa\xcf\x83\%\x7f}/
\x0f\xaa\x05\x9a\xf8\xd7K\x92\xa8\x90w\xa7\xcf\xc2\xfe\n\x99@\x11\xee\xcahV
\xef\x80\x8c\xb7Cuk\xcf>\xef\xc2\x93\#\xbd\x88pL\xeb\xb2F\xcd\x91\xdb\x
c0Qy\x00$\xba\xf5\xd0C\x01W\xee+
\x17\x1c\xf3T\xb2\'\x1d\xd2\xfe\xd3NC\xe4\xb1\xb4
\xcb\xdd\xa4\x08\xf1\xe8:\x12X,\x90\xd3S'\xbb\xdd2\xfe\xac-\x97\xe9
w\xe7\xe9MCt\xccl?G\x1caK)
\xe50\x02\xa5\xf6\x96\xf9v\x8b\xa0\xc7C\x8e\'Y1\xc2\x82\x81\xec\x7f\xe1,7\x9
cV\x0e\xc3\x7f\xb7\xa0\xf0%<H\xea}\xb6\x80\xbd\xaa\x06\\
\xd2Q\xf7\x8fD\x93\x99\xdb\x13\x8a\#+\xf4D\xf3\xde;
x8b\\xee\\x99\\x9c\\xfd\\x80\\xee\\xe4\\xe1q\\xc4\\x8e\\xfc\\xac\\xc7P\\xd5\\xafOl\\n\\xffw\\xe1q\\xc4\\xe1q\\xc4\\xe1q\\xc4
7\x97Hh(\x109\xa1\xf4\x11\x1f\xd2=:
x04<xeaJ<x15\\x11\\x16\\xd7\\x140\\x8f\\x1b\\xdf\\x1a\\xe7)C\\xf5c<xae\\x82\\xb3\\xe
6FQ\xf8\xdd\xeck\xa3\xdc\xd0\xd6\xf0|
\x05\xbd\xb8c4\xcaE\xec\xfel.8/\xc7\xc8\xd0\xd8\x03\xad\x98I\x19\x806\x01|
x8ex9fxe7xd0tx06xf1x8cxa5xf6xb8xbb4xb3xefdxc5x0bTx0eaJxe3x
\
x81\xb3;\xa3\x0c\xbe=\xec\xe7\xceh\x0e\xad\'\xc4\xs\xe5\x13\xae\x03\xae\x98
Wc @\xdb\xa8\x12\)\x10*\xa4\xcb@i\x9e\x7f^[K\xd4\xd47\x9d^\x0f\)
\x = \frac{x}{x} 
\xe3\xcc\xf6o\xae\xcdKl\xc5\x8ds\xe9\x03\x0c\xf5\xe8A\x13\xd4\xb3z\xaa\x9e\
x11\xe3.\x98:u\x13\xe8\xa7\x99]\x1d\x825T\x1d\x0e\xb3*\xabQ\xbdEt]
\x1d\x8f4\xb7\xe9\xed\xa7i\xceO\xff\x7f\xe8B\x8c\x95\r\xa1\xc9\xab\xef\x18\xe9
^\xe3\xb7y\x8b\x9a\x8b\xf09\x89\xf6\xc7\x0c5\xd1R(\xcd\xb0\x7f[\x1e\r\x1aO3
>\xd1^a$
\angle xaa xa8 xea x1fU \xfe x1aLkT xea xaf x96 xa3 x03 xfc ^xfa xe4 x11 x0b x82
\xe6~!
```

\xe0|\x0e\xe8f\x8dF\'\xeb\x8au\x9f\x1a\x18yE\xce\xdd\x1e\xd0\x7f\x959^\x1d\x

\xf3\xbd\xa6\xbc\x17>\x86\x9f\xe8\xb6\x84ZL#\x14\xe4\x031\xf5\x91\x86dGf\x

 $\label{thm:linear_continuous_co$

 $x91E,m_xa2\x9c\xc1z\xa6&O\x7f\xfd$

 $\label{thm:linear_continuous_co$

 $\label{thm:linear_continuous_co$

 $\x1caxc\xceAo\xba4\x07\x035\x9ft7\x8e\xdb\x00!$

 $\label{thm:condition} $$ \xe9\xc3\xoc\xdfL\x1c\xa9>3\xaf\xcc\xf3\xa5\x92\xf9\x8fF\x12\xaee\xcfOqz\xea \x15\xab:\xffd\x90I\#\(x83\x01\xe2+U\x92\xfc\x98\xa1\xd6j\x01\xc8(\xa1 \x87\xaf\xa9^\x18\xb8\xca]s\x9e\x92<\xcc\x137\he\x08\xd7\xb7\L9\xb4\r\xa0\xbaUAy\x85\x08\xa4\xd5\xb4\xb3\xb9\xe3\x1d=\xd1\x10\xb8OO\x08\xa4\xc65KN \xe6\xeb\x93\xebqO\xfan\xa6\xd6FH\xdfd\xd5V\xae\xce\xbd" `t\x1d\n+$$

 $\xe8\x97\xb4\xd0\xd5\xf0\xc4\xd8vL\xd7\xe9I!$

 $hZ\xdc"g\xf2:\xe6\xb1\xda\xf4\xdd\xcdt\xfbY[je] B\x9a\xc4\xfd\x15_A\xb9\xb0\xe4\xed\xc6:?$

a[B\x00K\xe5\x7f\xe1\x95\xcd\xde\x8bC\x8c\xd8\xaa\xdd\xfdAUH\xdd\xa1x\xc6 *\xa2\xc05\xc4\xa3+\xd3>\xba3\x9f\xbb\xa4G7b\xb5\x14\\\xf0L&}~\xd6-

 $\label{thm:colline} $$ \sum_{x\in\mathbb{Z}} x^0e\xo^xbc\xef\xa0qC\tB\x14CX\xdft{`N\x84F\xf0k\xbf\txdc\xbf\xf4\x8e\xefB\x18\xb0q\x04p\xd5\x1b\xf7\xa3u9p\x90\x10\x0b\x94Fx\x00f\xfc\xe9\xf7\xde\x99\xf7\xde\x99\xf7\xde\x99\xf1\xb4W\xec\x13\xca\xc1\xd9\xe3A\x1e\xbf\x1f\x04\xcc\x8f3F\(\xe1n\#\xce\x80)\xd2\xed\y**Q\xf1\xb8?$

 $\xb6\x9c\xaa\x1e\xb4\xfd\xf7\xd4\xbe\xc9\xa0\xc8\x04\xff$

 $\xf6\nx\x1dm\x9f\xa3\xdb\xc9\xbd\xd8\#f$

 $\xe2\xebD7\xed6\xee\xf0=\xe5\xy9990\xef\xd0\x12\xo2\xdd$

 $(TJ\x0f\xa3Q\xbeY\x06Z@H0\x00n\x97\x17f\xc6\x1cj\xcd\x8d\x80\x13K\xd9V\xc9^\xfdF\x98\x14\x96X\x1e\xb0\x1c\xe3-|$

 $\label{thm:linear} $$ \frac{x17\\x0e\\xe72\\xb0\\x88X\\x870x\\xf3\\x94\\x8a2\\xec\\x96\\xc3G\\x10\\xa1ZJ\\xffW\\x1b\\xa9\\x11\\xf1\\xc0\\x7f\\xf4:\\x8bc\\xd5\\x11$$9\\x94\\xfe\\xfc\\xc2\\xd59\\xa3"W\\x80z\\xb3\\xd4\\x96\\xbbS\\xa1\\xe8UE]\\xd4\\x10\\xe1N\\x8e\%$

 $\xe1Ua\xd1J\xa2\x89\xb9\x8c\xecz\xf9\xed3F\xff\x7f\xf6qo\xf3\xea-$

 $8\x810=\\R\x9f\xbc\xb8\xcd\x1bF\x936\xd8[\x8e_]k\x8e\xc4\xac\xe8\xf8c)\\ \x1d\xf5\x86\x98\xd5\xa6e\xbcDb\xbe\xc2\x18\xf3\xd7\xe4\xd2\xd7\x1b\xf7\xcb\\ \tx17\x8b\x1a\xb3w\%R\xc30\xb3\xd4\xce:$

 $\label{thm:color$

 $\x 3\x 15 y x 8 a x 0 5 x 9 9 x 8 3 x d 0 x c 5 x c 0 U x d d x d 6 x f 7 x e b x 9 b O x a 6 x 1 a ^ x 9 1 x a d ^ x 9 e x 9 a x 0 0 & x 1 7$

 $\xc3\x02~\xc6\xb4F\xfb\xea\xc0B\xed\x88j=MSO$,

\xd6\x03a\xd5y\x98\xa7\xcd\xda\'\xed\xe8\xc0jYu@\xcf<8\xbbI[\xa3\x83s\xa3\x 0f\xf64?\xfe\xe3\xef<I0j\xd7+w\xce)\x80\x81~Hw\x13\x8f\$\x95\$a,\xef/ \x9f"\x16\xb0H\x13\xb2\xebW6\xc8G\xfcZ\x1cF%

 $\label{thm:linear_continuous_co$

\xb8\xdb\xbb\xc0\xaf.M\xa9\xaa\x83\x07\x03v\xc0!
\xfc\xcd\xc3\x9dS\x1b\x81\x16\xe1D\x01\xeb\xae\xbc\x9cF3b\xca\x93x\xa9a>\x

 $b9\x86\x9d\x97P\xc1\xdf=;\xb7\xddX\xf2\xb5\x9b\xad W\xfc^\xf7I\xcc\x86T/\x14I\x99N7\x9f\xdb\xa3q\x94\x81>\x8f\x12,\x96\x15QN\xef\xd5ngg\x18bK\x13\xbf\x1b\xacCR\x10\xde\xbc\xbd\x01\x9f]$

 $\label{th:convergence} $$ \frac{x^{r}}Y(x^{r})Y($

 $\label{thm:linear_continuous_co$

=\xa6y~\xb0\x8bW\xa8\x83Z\xf5\x1e~\xd5\xdd\xcc"36a\x96gNO\xed\xc8X\x95 %R\xcd\xc4\x9d=\xe8D[1\x84X\x87\xa6\x8d[\xb2\x10\x7f\xe9\xb4NI\xe1\xb5H\ x12\x08\xb7\xb2\x98\x8b\x0b(\x91\x9fXme\xcc\x8ebVk4\xc5@\xdbZbu|

VS\xa3\x87\xc5\xcfU\xaa.

 $x02\xc8\x13\xb5\x01\xc8\x90\xc89\xe1S\x88oa\xd9\x13\xe2\xad\xad1Y]$

\xe1|\x8a"\x88g|\x1cY\xdf\x8e/\x99\x88\xbd\xdd\xf5TP\xb1

\xf4\xb4~~\xc6_\xf8\x10\xde\xb3\rb\xf1\x00\x1d\xe6\xf1\xdc_\x940\xc99\x14\x 95\xf5c\xfa\x8d\xcd\xd9>\xbf3\xc1\x07\\=?

 $\x 98\x 1d\x cdiQ\x cay 1I''\x e 7\x 87\x 9 c\x 9 9\x 9 0\x b 5\x e 2\x 9 e\x c 4\x 0 2\x 11\x 8 5\x c e\x b c/$

 $U\x1b\xbf\xd8\x0b\xe0\xd4\xdfR\xe6\&\x84q\xe5\x1a+$

 $\label{thm:linear_continuous} $$ x1b\t\xd4"g\xfb\xa2H\xf1K\x13j\x8ab\xd2\x99\xe5\r\xc1u\x8d\x8c\xce\xf7d\xc1\x83\x18\y.$

 $JwP\xc5^M\xd7\xa7\x80\xc2d\xa9\xca\xd9\x85\x1b!$

k5s\xe2\x95\xf1\xfd\xd7#e\xaaAN\xa7\xaf\xe8\xf0\x93\x93wz\x87]U%

 $\label{thm:linear_continuous_co$

 $\x7f*\x0f\xd7\xd9\xe0\x0e_j\x13\xffr\xe2\x84\xc3\x04\xd4\Ul\xbeU\xc7\xb6u\xc$

```
9\xe1\xcbX\xa2S\x0e\xdf\x13o")
\xd7\x91\ta\xac\xb6@\x87\x84\x1f"\xf0\xe5/\r\xd7x\xd3sa\xa0\xdd$
\xef\xe1\xe0\x98x/\xdb5\x98\x86\x97\x9f\xae\xf4\xa9bR[\xffO\xc9]
\r\x8c\xce\xc0c\xdf\xf0\xe0\x0e)\xa6ku\r\x93\x18\x1d\tU,\xfb\xf91\x9b\xf1-\x1c:
\x95\x19\xf9\xea\x94\xe6]\xb3\xcb\x9d\x18\x02[\xbb\xa5\'\xef\xcc\xb1\xb0Z\xb
e\xe7\x8d\xdbK\x1a\x85\xc0\x91\xd5[\x11\x88\xe5\x00\xdb\x95[2\
\w]"\xeeL\xbf\x08<3\xce\x8e\xcc\xef[F\x03\xbc\x14\xe1R\xaaa\xf7\x10I\xf2\xc8
n\xfd\xe0\xff\x1d\xb9\x16&\xc3\x8bAr\xfc\xe7\x88TGn\x81\xaas\xc3u1\xa7\xcaF
\sim /r \times 03 \times 5[o \times f5 \times e6rO \times 02 \times 90 \times c6 \times b8P \times 14 \times d5\% \times 8c]
\xcf\xe9\x04*\xf9\xc2/\xd8\x15A>\x08\xfe\xd4A\xe8\xd5\x07\x93\xf4p\xd72
\xada!
xbbd\x1b8>\xdd\x10\x85S\x0f\x8a\xdf\xbdd\xca\x87\xe1\x13\x87\x8a)
\x95\xc1t\xc3\xf7\xe6\xf4\x1b?\x13\xdc0\x84\xa7\xb2\xa9x\x14WC+
\xab\x96\x17`\xb9D\xa2X\x02\xf6\xcdR\x01\x89\xc2\xf5S/
\xdc\xb5\x95\x85`\x84i\xc1\xdc\xb9\xdd\x0e\xad;F\x81\xd2@M\x18\xe0Xu[\xc2\
'3\xc9\xd0+\xaalu\xdd ((u@\xbd\xdd7"\x0bs\x99-
\xf1\xae\xb2T\xf9k\xcf\x81\xcd\xd4?
\x9e\xab8(\x06\xfe\xc3\x94\x18\xce\xa3|\xd3\xa8\x87\xce\x83\xdf\xb3\xf0\x13s
\sqrt{xee}t\x87\xed\x84\xb3V\x15\x0e\xc9l\xf3;X(kEJ\x8a\qz=!
\xf8\xbbw6Gr\xfe\x12\xd0ma\x87A\xed\xde\'
\x88\xc9\xc2\x8a@\xd6_X&\x03\xbf\x7f\x7f\xf1 aC\x87+S\x04\x92{\x0b
x82\x1d\xbf>\xbb\xd2\x9f\x89\x87\x98\x7f[].
\x97;\x9cY\x82i\xa3bK\xfbRK\xa5\xd1N\x13\xba\xec-
m\x1em\x01>\xb1\x1e\xd7\x9c\xff@\x8c1<|[\xbd\x91\xd6\xa7\x07\x1b\tSH\x92\x]
d7k\xe4\xf6\'\x0cWx\xf8\xca>\x12\x035\rwll\xd7\x10\x86\xc3\x8a\xfa2\x11\x19\
xdaO\xa8\x00\xa5a=\xff\x7f\xfe\xc3\xd71\xde\xad
b\xa1\x83=\x03@\x8c\xf4\x1a\xebI\x8c\xf5{\xabX\xe0\xb6\xc4\xa2_\xcb|\xae/
\xbb\xe8\x06M\xbaQ\x8eA\xe4\xfb\xe7\xea\xd0r\x0b\xbf\xffgI\x86g\xcc\xa8\xec
\xaa\xd8\x82\xeek:\x07_\xab5\t\xee2\x11\xf3\x95\xc4|>|\xdc\x83\xbdvD|
7\xe5\xee\xd0\x17\xa3\xc3\xdc\xffp\xa1\xb9\xfb\x8e\xf9\xac\xd6\x0f\xacZ\xfd
6\xad3\xd3q\xab1\xb1\x83m\xee\xeb\xc6\xef>\xcb\xd3\xd8\x1e+
\xd1S\xfbd\x8fh\xe2\x96=\xf7\xe0\xa6\xa2\x92\n\xf3\xafQ\xf7\xca\xf7\x89\xb
0\xb4i\x81`\x86\xeeE\xcf\xe4\x94\xed\xec\x04\xbf\x1d\x0e\xec\x17\x80\x9c--
\xd7\xe8\xedN\xc6j3YK\xd1\xf5se\xdd\xf7\xa6!
\x87o\xf7\xf4\x85\x12B9\xb3\x0e\xc5\xed\xba\xc439T\xc9\xfc]H\xf9E[peU\x0ef
\x9f\'\x99\x7f\xc2\xf4"\x94j\xe7\xc7\x00\x18\xf6WYf_C\x8b\x93c\x84\xc2\xaf\x
e2\xfd$
```

 $\x = \frac{x19\xc}{x19\xc}$ $x9d_xb5lx92jgtx7fx8axf4jxb9x91.xe1KZxb1xd6*xbc{xb3xf4xbexce_}$ $xf6-xcaY\\xc4\\x0ed\\x0b\\xbd\\x06\\xbe\\xa8#\\x9et\\rC\\x93&wOU\\xd0\\xf3S$:

xf6lxa1FF

 $\xfa\xfdM\xae\x8d\x16\xe5P\xdf\x1c*\xc2\xf1\xa6\xc0\xdb\xf1\xab\x03A\x9b\xdb$ $\xb9\xcf\x94\xc6\x8f\x1d\xcf\xa46\x9b\xb1\x80\x15\xeb.$

\x00\xbc\t\x0b8\xed\x84\x1f\xd9\x0c\xa4\xe2b\x8e\x8d\x80\xc3A\x14.)\xc2\xcb $a\xc22\xfe\xcd\xacT\xdc\xae\xfd\xa7(\x7f\xdc\xb5i\xb0t\xe1\&\xf4A\xd6\x08\x9$

```
0\xb1\x9d
```

 $$ \xd5\xc0\xd91_\xd1\xd2\x9c\xbe0c\xf1\x99\xc3\xa0\xb6m\xb6\x9a\{\x99\xd1\xb8Nv\xa1\x17\xb7\x8bm\x94]\xb3\x99\x8a\x85\x147\x8fP\x8c\x0b\x86v\xf8\x19(V4{!\xf4c\x85m0\xf6\x92\i}\xa3\x1b\x18H\x87\xbfS\xc2\x97v\x16\xb3?$

 $\xe7\xd7\x97~\xa3\xadn\xea\x88\x1e\x81fm\r+$

 $\xbc\x93\xf6\xb2\xb2q\xe4\x8f\xe1\xe30\xbdv\x90\x17V\xf2\xf6\x8cQN\ PH\xe4\x8e\xe6\xe6\xce)\x17w\xd3\x1e\x9e?\x81\&J\xe3c\xf7-$

\xbb\xb1\xd3#iHq\xa2\xad\xde-

 $x88\xc4\xc5\x0e\x12\xac\xb2\V8o\xe2\xc0\x91q\x95\xfct\xf7\x01-E$

 $\xe3\xf2\xd4\xebh+\xf53\xd1\xfe\xb4\xd4FR\xc05 g\t\x16yh\xd6\x1e~\xf1\x04X) \xa1\x1f\\x92E\xca\xc1\xc5\xe0'\X\xc5\xd7\x0e\#/$

 $\label{thm:linear_continuous_co$

 $x05\xbem\xfd\x11^x01\x0e\xe90\x9c\xd4=9x\xbe\x94\xe9X\x06\xe1u$

 $\xd9\x1f\xb5\xdeV\x9a\xff-\x95\xca\xdfO\xca8\x8b\x1c\xa9\xae]#+$

 $\label{thm:linear} $$ \frac{x_0}{x^5}\times 9b\x9f\xf7\xccpc\tx\xc2\x9cuU\xbfR\x94\x89\xf9\xb0\x1d\t} U\x13\xeaB\x19\x83\xde\x9dO\xad0\xe3bB4\x1a\xf2g\t\xf0E\x15\#^\xfeM\x04*\x8d} $$$

 $\label{thm:linear_continuous_co$

 $\label{thm:linear_continuous} $$ \x96xp&V\xcf\x9b;qwm\xa7'\xf1\x04d\x00\xc8^\x05H\xb2\x1e\xc6'\x8c\x1a\x9c@\xfc\xd8\xa7S\xe8UX\x1e\xc8c\xb9eZ\xf5\x9d\x7f4\xfaX8\xafQ#j\x94\xea\xbe\xd5\x1d\xe3\xcf90\x01\t1\%$

\xc7K\xb4\x89L<\xac\x9e5\x86=\xda\xcf\x1e\xa0\x08\x88\x7f8\x99\xe0?

 $x11\x8d\xb1q''\x8b8\xe2\x17+$

 $\label{thm:linear_control_co$

\x8c\x82\x88\x89\xdb[\xbb\xcal{-\xc5\xd8|

 $\xe7B\x18\x0f\xe9\xcd\xc1C{\xaeX(\nB\xf2c\'\x8af\xe9\xda\x1a\t,}$

 $\label{thm:linear_continuous_co$

 $\x8f\x1d\x8cG\x99\x0b\x9a\x18\x00\xe9\x14\x8fAR\{\x06c\xe5\x14g\xffc\xe4v\x7fD+\x0e\xaa\xd19>\xe8\x0e\n^9A+N!\xf4YL$$

 $\xc3$<\xa1q9\xc3\x01\xe2\xde\x85\X0\x0e_\xa7T\x97T\xcbS\xba:<\x12\xeba0\xab2\x84\x0c\x82\x90=_KpN\xd1\'$

 $\xspace{$\xspace} \xspace{$\xspace} \xspace{$\$

 $\x9d\x99\x8f2T\xb2\x04\x07~\xc0\xff\%J\xbb"pg\x99r@\xae\xc2\xfe\xf7-$

 $\xd5)\x8c\xcc\xb7\x99\x8cZk9\xe2\xad\xaa|\x00k:\x86\xbcc1\xdc\x8fD\xe5\t$\\ \x14\xdc\x94\x08\xc9\xe1a\x81\x11n\xcf\xe1-$

\x04\x1b\x98\x96\xec\x82\xde~\x196+

FH\x16\xce\xc5\xaa\x96U8\xd2\xdfP9\t\xa6\xcc\xc3!

\xbcYC\x91\xa74pV\x12.8\x83yo[^\xaa\xb1\x83[\x06\xefG:\xff,\x12r\r;

\xfe\xffE\x86\xac1G\x98<Y"\x89\x93\x95\xf00K\xaa\xcd"\xf3\r\x06\x7f\xd5\x01 >3\x97\xc8\x90\x18W\xd9h\x88\'\xd7\xe7\x8d\x90T/

\xac\xfb\xa5U\xc8\xe7\xfd\xa1Kf\$

\x86\x83\x8ex4\xd84\x90^\x95]\xf4\xb0ZSbG\xe1`*\x06h\xaf\xf0B\x0b-

 $x84^x04\\x11\\xaa\\r\\xd3\\x0c$

 $\xffy\xe9\x15\x9e6\#\x0b\xb4\x1b\xae\xb3$?

 $\xcd\x04\x0c\xf2\sim\x8a\x8eo\xdd\r\xfd\x8co\x8d\xe1\x7f\xd7\x04\xa3\x1e\x8e\xc$

```
7\x91\x07\xf8\x05\x1dp\x00\xb6\xe4\x8e:
```

 $\c5\xd6ox\xe0\x07>\xe95\xcfBR\x89\xe9f\xffmc\xb9z\xeff\xae\xe95\xe0b\x0e\x11\xd3\xcdp\xa9Ywz\xb1\xa9Bj:\xb7\x1b>\xc2\xe92\x84\xe90\xb6\xbb!$

 $x11\xdb\x10\x1a)\x8bM\xc4\xf3\xa2\x1bD\x9a$

 $k\x04EY\x92\xa5\xdc\x81\xe3\x08\x83\xae\x9e\'\xec\xc7\xe4w\xa6>\x8d\x0bZ\xd3\xe4\xbe\xe6\xf5\xf8\xf63\xb0\xc6\xb2]\x00\xcc\xa6\xd4<\xd2\x14\xda\x19\xae\x8e\xac<\x0e,$

 $J\xd4\xef\xa5\xa9\x1c=\xef\xe7\x11\xd1\x0e\xf7\xab\x19a2\{!$

_\xc1i\xd3:\xa1\xa4Fb\xb7"\x8a\xf7\xc4\xc5\x86\x04\x1a+

 $\x0.01\x0.$

 $\label{thm:condition} $$ \operatorname{thm:condition} $$$

 $\label{lambda} $IJ\xf2\x12)\x08\xcdg\x06\xeeme\xd7D2\xf0\xaa>\xe9I\x1dA\x01\x02\xe9\xac; $$\x08\xea\x8e\x1fY\xc1\x05\xfb\Pj\xa4m/$$

 $7,\x8cg\x9a\x08"\xa8/\x1c\xe6m\xfc\xb8xy\x84\t\x84c\x90mFz[\x13En\xa8\xf2\t\xf1\xe9\xd6\xad\x1b\xb9\xcd\xa2\x13g\xf7\x92\x8b\x9c+$

 $\x 5 VO(x11)x02B\xb1Yh\x1b\xfa&\xc4\x84\x80d\xb6\xeb\xbc\xb6F\x10ud\xc0\xa9\x05Jq\xa3\xa1\xcd7i\xa4;\xad\xb6\x9a\xcc\x80\xd7\xe01\x1a.$

 $\label{thm:condition} $$ \xd8\xd7\x1b\xe1\xb1{\xd8\xa6T\x84\xde\xc9\xb1\x92O\xe9"\xef(q\x90J\xb7q"\xfcHw\x84s\x07\xae<\vMuk2\xb9\xc1\x14\x94\x10\xce;\x06\(\x17\xa3\x81\xdf|\xa22\xb3\x1d\xbb\xff\x7f\xfd\x8eB\x13\r<|] \x85\xf3\xe7Y8-$

 $\x1ay''x1e'x1e+a'x88[\xd9\x02\x9f'x17(/$

```
0\x03\xe1\x01@.S-\xcf\%\xd2\hT\xac\xbd\x85<\x8a\x05\xe2\x1c\xf9\x13\x1fA) $$ \xecn\xad\x01s\xe1`\xb5\xdf\xcd\x98i\x0fLQ\xfd[\xf5\xbc7\xa5l\xc9\{h\xbbxdi\xba\xd9\xe4+\x03\x1f$$
```

 $\xb4\x10\x80\xdcz\xe2\xd9\xcf\x93o\xfbv\x8bf\xd0\xbb\xd2\xcc\xdd\x8e\xad\xfa}$

 $F1\xd9\xc8\x83\xb1f\&\xe5\xef\x949\NI\xc44\xa7\xd8\xc5\xe6\x86\xd4\M\x9eM\x0b\x02\xa7\x1b\xb0\xb0\xa1\xed\xa1\xe0\xa1$

\xa93\xd8\xea\xe2\x82\xc9\xe9\x9c1\x80\xef\xa1\x8d+

 $\x0.05\x0.3g\x0.6x\x0.4\x0.00\x0.0$

 $\label{thm:linear:constraints} $$ -\infty[[\x9di0\xceN\x01\x16\x05[\x0e\xa0\x14g~\x18\xdd\xdc\xbb\xa7ho~\x16\xeb\x1fG\xea\xa4\xb3B\x0c[\x0f<\lcKm\x085\x8fD<\xbb\xa8*\xfa\xc5f\x90+ \x81j\x91p"Vt\xc1vW\x82Q~\x90\xac\xadm\xa6\xcd\x7fF(\xd9K\xb6\xee\xb9x{\x} a1\x1f\xbdZs\xc3\xb1\n\x924\xf4\xc0t\xff8F[\xcd\x0f\x18\xce4\xa6\xb0\xcf\xad\xc2\xb0\xcf\xad\xc2\x17\x19c\x02\xb3\x86\xb8\xb1\xb9\xe6\xb5\r\xb6\xd9\x05S\x88\tE\xcf\xa2[[\xd2,\x03\x0b\xf7Kz\xe5\x1a#xq\x1d\x94\x98\xbd7\xb6\xa58\xeb\xc9\x00\xb4Kc\x0b2\xf6_\xaa\x01\xc7\xe0\xda\xb2\n\x96\x1e\x07\x1e}v\xd2\xfb?m\x12\xd7\xe7\x83\xedK\xc3yt\tx\xc4%$ $$ \x89aso\xbdK\xb5\x87X(af_\xe4,\x1e)$$

 $\label{thm:linear_control_linear_c$

x18x9fx90xdbxce0x10xbexc4xefxdax0exd1xa2x96xc3

=\xb3NN\xf3N\xda\xb5L\xfc\x92F0\xe9\x0b\x18\x8a\xc20\xb6\xed\xfa\xda{K\xd4\xa80\x84\xf2\xc4u\xf4\xa3\xe0|\x80a8\x92\xfen\xe8*\xc9E\xef\xbf\xea-\xc5#n\xa9\x91\xbc\xe30\xb8\xc3\xd1\xadoj"WkG\xf2=MY\xd5\x10:\xa6\x96\x1a\x90|\xc6\xf3t\xab7\jU~0\x9eA8\xcd\x11\x9f%\x81\xfd\xfb\xa7*\xf7e\x1d\x03\x06\xe0\x11\xb1\xf8\xde\xf5\x02d\n6\xd7\xfc;

```
\xe7Z\xbbUA\x04\xa7\xbdU\xa8\xde\xcbQ\#s_\xae\xf7$<&\xb8D6B\x03v}
eac\xa73`)\xe2\xb6=\n\xf6\xd6\xd5:-0\x12a\x89\x8a\x88\t\xb0*2\xc3\xbd\xce/
\x95\x9c\xc6\x7f\xf2b\xc6E\xa7\x87\x07\x99\xfb\xefH\xdfd{\xb0\x83\x9a6\xf6\
xbc\xdbo\xa7\xfa\xdc\x14\xfac\xf6D\xfa\
\W\x03\xadP\x16i\x1c\xa5\x1a\x9b\x9eV\&\x14bw\p}
\sims\x0c\x99\xf1\x15Y\xa7\xf6\x01\x9a\x9d\xbe\xb0\x15[\xf2\xdc\xefWT\xaf\xabJ\
xae\x12\xc0\xa8X\x92\x921\x82.\xb4\x1c\x02q\xd1&[\x8c\x1c\x15\xfe\xad
x8b~xbc\\x00\\xa0\\xb10\\x13\\x87u\\xde\\xaa\\xb0\\x80J\\xd57\\xc5<\\x02\\x0b\\xaf=\\x
a0]\x9cj\x91\x18\x04\x83\xf2\xff\x1a\x07\xc6\xe4\x82($
\xcdB\xd0\x8d(z\xbd{\x81\x11b\xd1\xbe\xc8}
\x05V\xf2::\xe7\xe4a\x84\x99\xb7]\x05[\xf6\xfa(\xfb\xf91\x8dR\xa7\xae\xcb\x9
4\x9a\x7f\xd8a\x8f\x02YE\x9d\x854\xe7#|S\x87|
0h\xae\xe4\x92\n\xee\x04S\xd9I/\xe4\x01,\xa1\xc3\xb3\x86`\x9f\x96%}
x92\xb8N\xb9?
\xddL\xe8\x81\xa8\x80\x8f4\x92\x11\x81\xed\xef\x10\xb6Vo\xa73\x05O:Q\x06\x
e9a\xc1\xeb\x03\x89|\\\x19#!r\nb\x11\x92GP\xb9\xb4m\xd3\xd3?e\x98\xb5?
x12\r\\xc6\t\\t\\x14\xd5J\\xa7\xfa\\xfa\\xfa\\xb3\\xc9
r\x9a\xc7\xe8\xccw\xdf\x91`\x02g\xbeQ\x11\x92\x95\\\x16,\x97%
\xcbBSX\x1a\x02\x07\xfc]H\x061\xa5\xb1\xf8\x1f\x9e\xff}
\xe7\x99\xcfi\x04\x87j\xac\xdd\xbb\xc0\x1f\xc9N\x9e@Uoa\x1fg;\x17w\xd0>]
\x86%
5?\x03\xbd\xc0e\xde
\xdf3\x9d\xc5\xe8\x1f\x8c\xd9\xbds\x80\xf0\x8a\xfb\xd9u\xa0\xdcn\x87\x01\x8
7\xb1\x01\xbe\x0cm\x87\x88\x87\x8d\xb2\x0b\x8axxi\xfd2;\xf8/\x19q\x93\xabG\
x15\x11,\xfc\xfd?3\x96\xdcW\xff
z\xb9\xfc\x07,\xec\x9e\xb6\x99B\x00\xf7\xf69\xe0\xcd\x07\xf8H\x02\xf1\x03\x
e8mT\xd9\xd8\xc6\x14w5\xee\xd6\xfbA\x83v\xc7\xf3\x92\xd1\xeeRX\xb2T\xe8\
x08\x7fI[b\n=Gk\xba\xc1\xcf\x87\xfb\xbb\x14:\x16\x1f\xda\xef\x15o\x8bv\x9
2k9\x8e4alVX\x08%M"\xffl\xb5\xcd0\xbe\xa4F\xc6i\x90;\xefl
8\x8c\xc6\xdfP\xd9\x93D\xa1\x1d&\xe7\xaa\xc7\x9a\xabaG\x94\x93DR\x8e\x8d
\xb6o\xc6X%5\xe8\xde\x9dvA\xbc\xba9\xe9qil\xdf\x05t\xb5\xea6}/
\x16\xca\xb0\xfc/\x03e7\xb2\xc6\x05\xc7\xd5\xe41\xf2\xeck\x833\x07I{\xbb\n%
\n\times 3ym\x9d > f\xc7+j\x10K\xe6\x15\xec\xad\xe0L7=\x16Kbq\x9e\x1d\xa3\xf2
#\xd8>8\xac\x17x_r\x87\xaf\xe4\xe0\x047\x86q/
\xf8KI\x9b\xb3\xa5\xd7\xe7\x8f\xdc$P\xe8`r\xed6\xdd\xda*\xda\xf7\xeb$
\x10\x00\xe0\xb4\x009\xf7\xa0m\xf7\x08\xb0\xd0\xeb\xb2
P(xfeQ(xe4)x02)x87(xa9i)x00; xa6(x92y)xb6*ZE(xa6)x04(xbe[0)xb8n(xefE*)Dk=0)
RI\x8a\xbb\x1e\xdfBOU\xba\x8e\x1dH\xabx+
\x95\x86*9[\xb2\xc0\xf4\xd9<\xa2\xc5\xe6/\xab\x9e\x82\x01L\x87\xa3\xa5!
\xc1\xefn\x93\xe3\x8cY\xb8\xc8\xc8\xc8\x9a\x8d\x14O\x14\xa3\xce\xd6\xd4\x
d7\x92E\xbf\t\xaf9\x9a\xd9e\xfcSH\x9e\xb7\x12-\x199\x99\xb0$\x84\x07}\xa1\\
\x04\x7f\xe7\xe9k\xf7^\xa6\xd7\x983s\x19c\xe0\x13\t\xe0{c\xc5\xbf\xba\xde\xc}
```

9\x1c\x16&Xg\x8b\x82\x9fN|\x89\xc3\x1b\xf1a\xe0\xd5\x15\xb3\x9fEB\x19HS] \x80\xa6\x18r\x8c\x80\x98*\xbc\xff\\\x0b\xbd\xfd\x88\xf1\x85\xd1\xa0\x19s,h)

 $\xd2\xc2\&'\x18\(f''\x9biVi+(\xfagd\x01j\xf5\xa4\xe2\xdfTC\xfa/$

 $m\x1cn(\xc8\x02\x01\x8f\xafV\xe8\xcf\x9b\xb3\x95c>>\x1f\xc0\x91\xf2\xe85\xb0\xd2\x93\x00bu\x00\#\xc86\x13\xc8\xdfF\x11d\xc4t\x7f\xb9r\xc5\x952\xd1U\xd3\xebA\r\xd8XE\n\xe3k8\xf9\xfe\xae\xe25s\x857P\x8fEt\xe9\x0bh\x9e\xeeSC\x98\x02\x8c=1w\xf8M\x00\x1f!$

 $\label{thm:colored} $$ \xd8{t\x06\x9cF\xb05>mK\xa2B\xf6[``\x03G\xba\xa4\x05\x8e\xb6,\xbd\x8b\xc1G\n\xcc\xcc`U\xbeV\xce\x9fM\x02*\x1e\x05\x9a~\xd0\r\x10*\xd6?\x9ap\xcdS\\x94w\xdc/$

 $\xb9U\xc4\xa3h\x13\x12Qf\xc3\xf7\xad\xad4\x97d\xc6\xce\xcf\xea7\xac@9\x8de+\xe8\xb0\xef\xff\xac\nendstream\rendobj\xc530obj\xc5/BaseFont/Times-$

Roman/Encoding/WinAnsiEncoding/Name/F01/Subtype/Type1/Type/

Font>>\rendobj\r54 0 obj\r<</Font<</F01 59 0 R>>/ProcSet[/PDF /Text / ImageB /ImageC /ImageI]/XObject<</XIPLAYER0 57 0 R/XIPLAYER_CM1 58 0 R>>>\rendobj\r55 0 obj\r<</Contents 56 0 R/MediaBox[0 0 842 596]/Parent 2 0 R/Resources 54 0 R/Rotate 270/Type/Page>>\rendobj\r56 0 obj\r<</Filter/FlateDecode/Length

```
\xf7\x89To[\xfc\xee\x9f\xf8\x19\xf7]
```

 $5\x17\x94U\x9b\xf0\xa7\x12\xaa\xe6\xac\xb4\%a\xd1\x1eJx\xad\xf0\xf7\x8a\xa9\xf8\xff|$

 $\xf5\xd5\xd6\xd6\xf0\uu\xff\xdf+\xf7\x91\xa0\x85\xad-$

\xa2\r\xa2\xd7{\x04Z\xf7\xf0\x14\xa7t-G8*\xeb\xb8b\x8a4<

x9axaaxc2xc1xbeexeex88xd6x96xccxf0n

 $\label{thm:linear_control_co$

\x18\xf8\x8b\x9a\x92\x15\x04\x8a@0\x11bw\x89\x89\x90\x00\x1c\xda^b"\x01\x ce\xed\x81c&\x12i\xaaq\x83U\xc7H\x00\xd3\xb0\xb9\x98V\x107\nM%!m\x1e\\xf6^_#VeKZ\x13\x96\xec\xb1\$_\x15C\xaa%

\x81@\x9fWdET\x91q\xc1\x91\x82\x8a\xc0\tc\xc6\xcdX\x01jv\x04]d\\

x86Hx922xaex9excd(xcaCtxbexaexadx08Bx94xdbxcax0cxaf;

 $\label{tolder} $$ \t'\xec\xed'\xae6H\xb1wB5\x036\xf51\xcdr\x89\xc2o\x1c\xb3\x033\xba~\xe0B\xo4\xdf\%$

 $D\x96f\x0e\xcf\x83\xb1\x05\x9e\xe4\xc8\x93\x03\xec\x12K\xf3)\x96\x14\x02\x94u)\x05P\x9f.$

V\xa0`\xceg\xa4lJ\xach\x12

\xbd\x0b>\x80\xc6\xda\x1d\xafK)#\x19\x04\x82Gix\x8e\x0b\xe75\xa3YX\xd8\x1

```
b\xfb\xbe96\xbb\xdd\xf1\tt\xc0\xb1k\xae\x8b\x14\x0c\xbc\xc9\YAZ\xcfP0E\xb4y\x95\xb4\x866\xe2\xccg*\xe07\xdb\xe3)*J\x92+P\x8d\x8bGp\x9f\xcb\xc5\xdb\x1 a4\}\xee\x94\x11\xe9\x99\xd8\x8e\x99;\x95\xa0\x8e\xb95\xe2\xbd\x87\xdc\x95\xc9\xf22s\xbb\x8c\xa2\xf1\n\xb1\xc8\xdc\x0c\x81\x8e\xb9\xcd\x9c\xb9\xcd\x9c\xb9\xcd\x9c\xb9\xcd\x87\xae.y\x03.\xed\x88\xf4+
```

 $\xdf\xba\xe3j\xdb7\x84\x94\x84\xb0_\xb8\xbe\xd5\xbc\xdd\x1e\x9f\xda\xdf\x9a\xee\xcf\x880\x03\#\xbdGb\%$

 $L\xde\xef\x1f?,\xb0\xb1\x18\x99\x8cl$

\xd0\xb3\x06\xe4Rw\x01\x0e\x02\xa4xEw\x91\x88\xe4\xe3\xeeb\xb3\$

 $\label{thm:condition} $$ \xd1\xf0\xe8\x80\xbbm\xba\xdd\xf6P\xec,@$L\xc5\xb1\x05\xcd\xf7\x8e\x9dE\x8d\x97:\x0b\x9db\xfb\xce\x92^\x00\x94\r\xd0\x90LF\xae\xca\xc2\x1e\x9a+\x\xe9t\xd9\xa6\xd9\xa6\xbc\xfc\xac\x88)\x84\t\xa8\xc5\xa5\xbd\xecE\xc0\xb2\xb0\xe7\x08\xd5\xaf\xe8?z\x84\x8c\xfd'\xcffbq\xf7H\xf77}$

6\xa7D\xc5\xe0\x9e6\x00\xdf83w\xed\xe9\xd4\x1c\xc6\x8c<\xd3L\

\p\x85\rEu\xa9\x99\x80\x10\x034\x9di&\xb9\xe9\xd8\xa0\x99\xcb\xf2\xd09?\xdd\x94\xba\x0e\xe7hFDJK\x88\x08\xccf\xd3R\x00\x1d\x0f\xd0\x90\xe2q\xc9\x94\x01}qK\x12x\rz\x87\xb8\xd0k\$

\x9eM\x07<c\xc5\xe9\x0f\x9e\x8bG7,\xf6\x1a\x00\x9a\xc2-!\x8f!A\x8e\xa3q\\4L\x7fr\x1d\xc9\x81\xb1\x07\xe8\xf7\xdb\xcd\xb9\xd9\xc5\xe613\x1eQ\x08\xf6\\xcex\xf7|

 $\label{lem:condition} O\rC\%37\xa4\x9180\RA\xfc\xc6\xed\xb3\x1b\r\t@_Eo\x9b\xbf\x9c\x0e\x1adS\nW\xd0\xfa\x01.\xd2\xa9\xd2\xcc\x90\x06\x8a\x05\xb0$

\xf4\xdc\xfd\xaf -XF\xaf\xb81\x00\xc3\xc0\xe0+\xa8\xbc\xf3as|I\xdc}

\xd4:*\x97\xa1\xa5\xa5\x89\xa2\xe10\xfdL<\x1f\xd1\xcf\xd0=\xa9\$

 $\xo = \text{$$ \times 1/xeb} \times 1/xeb = \text{$$ \times 6/x9c \times 5.$} \times 11/xdf = \text{$$ \times 6/x9c \times 5.$} \times 11/xdf = \text{$$ \times 6/x9c \times 6.$} \times 11/xdf =$

\x16\xdf\x14\xc0\x93\x17\xba\xf9\xfd\r\xe4\x8d\x1dpL\x96\xde\x11P\x9c\xdf\x8 8Ho\xff\xf8rjG\xd2;\x9d@\xa2R\xef\xc1Ny\xdb\xf2\x05\x04\xdf\x11F\x86\x85\x9 8q\xaf\xb2\xae\xde\xdd_\xfd\x1f\x88&\x8f\xb1\nendstream\rendobj\r57 0 obj\r<</BitsPerComponent 8/ColorSpace/DeviceGray/DecodeParms<<>>/Filter/DCTDecode/Height 1248/Length 26108/Subtype/Image/Type/XObject/Width 1760>>\rstream\n\xff\xd8\xff\xdb\x00C\x00\x08\x16\x18\x1c\x18\x14 \x1c\x1a\x1c\x1

 $0P40,,0bFJ:Ptfzxrfpn\x80\x90\xb8\x9c\x80\x88\xae\x8anp\xa0\xda\xa2\xae\xbe\xc4\xce\xd0\xce\$

```
8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a)Z(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a
```

```
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x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\
 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14
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QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14
E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14
QE\x14 E\x14Q x14QE\ 4QE\x1
QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14
E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q
x14QE\

4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1

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  E\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14Q
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x14QE\

\x14QE 14QE\x 4QE\x1 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14 $E \times 14QE \times 14Q$
x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x1 QHi\xbd\xa9GJu\x14QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 $E \times 14QE \times 14Q$ x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QF\x14SF})

\xd4QE\x14QE

4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 $E \times 14QE \times 14Q$ x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q

x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE \x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x
14QE\x 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\

4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14\x94\x80b\x9dE\x14QE\x

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xa2\x8a(\xa2\x92\x90g\xbd):
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x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a
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\x00\x01\x01\x00\x00CY\x08\x00\x02\xff\x00\x00\x03\x95\x00\x00\x03\x95cV\xda\x14z,

 $2\xcc\x08\x85\xcek"\x13\xb4\xfb\xfe\x9b\x0e,N\x1f\x1c\xc3\x9b\xa7\xfd\n.D\xdf\x16\xe5\xfb<!r\xbb\x03\xd1\x01\xd1k\x00\xd1\x01\x01\xb9\x14\x12\xf0\xd0gg\xa6\xb5\xe3\x0c\xea\xbb\x$

 $\xfc\xc8U\n\xe3\x18\xc2T\x0f\x9b\x0f\xfb\xe4D\xb0\x16\xa5\xa9jP\xdc\x90>)S\xa2\xb2?$

 $\xi(x) = \frac{x}{x} (x + x)^2 (x + x)$

\uu\x1e\x13\xbeJ\xfdc~\xcag\xfb\xb5\xb8\xdb\x131\xceU\x91

\t{\x10R*\x01\x9fi\xd7j\x0f{\xe8CT\x9f\x8a*

\x0e\xd1x\xe0\xe9\x18\xe0\x0cG\x90\x8a\'\x08X>A\x01zs\xd6X\x80n\xcb\x9f\x\b2\x10]\x10\xfd\xf90\xd3\xdbL\x9e?\xfc:\xad\xae\xb5^\x1d\xdf\x11\x01

 $B\xc4\xc25\xcf\ta\xf4\x0e\x94\xe4\x85G\xfd9\x9c_]$

 $x1f\x7f\r\xda\x00\r\xbb\x1d\xa6L\xdb!$

0\x13\x10\x08o\x03\xc6W\x85\xd2\x1f\xfd\xe4\xc8Y\$

 $O2\x91\x05\xdex{1\x10\xa8Z\xc7Q}$

\C\xdd\x19\xa5<b\x88\xd8>\x90n\x8c\x86\xfaC\x91\xb62\xaf\x86!\x8f/

od\xd9.\x97\xbb\x87~\xbe\x89\'4aMz\x03\xcc\x1b\x83<\xb9e|

c\x8c\xfc\x9c\x0f%\x0e\$A\xbe\xfeA\xf0r]

 $\xfa\xe4.\xb8\xb1v\xbf\x17\xc9\x94]1\x93\x1f$

 $\x1fq\xc5\xe7\x12\xb0A\x12\x9bR\x90\xb9\xce\xf8\xe6\xfe\x13\x88=$

\xd6\xf2\xa3\xef\x1141\x06\x88\x1dzB\x99\x03S\x87{\x9e\xe1\x9a\xf6\xe3\xfa? \x89?

 $\label{thm:linear_converse_c$

 $\label{lem:condition} $$ \operatorname{ln}(x99@\x9ao2\x08;\xf5\xf1\P\x0b\xf4\x07\x02c\x02A\x91\xd4O\x03\xce4\x1f2\xc1\xcf\xb9\xcf\x16\x8a_Lk\xb0\xcf\Nu\x10\x8d\xb0lim; $$\xd0\x1f\x93[\xef\xe7\xspace]$$$

 $\x 95\xca3\xd7eB\xce\xf1z\xaa\xbb\t\xb9\xfd\xf4\x1bU[~N\x87\xa2\x9f\n$$ \xb2\xd9\x16/\xc4\xc7\x16w\xcb\xf9\xa3\xa1\&\xe8_I\xbbF:$

 $\x f50\x ee\x c2\x f8)\x d6\x 14\x da7\x b3\x b9a\x 15u\x d7\x cck\x 7f\x b6\x fbQ\x 89\x 01\x ba\x e5\x aav\J\x b4\%$

 $\xf6\xef\xe7^\xe0\xa6]\xea\x14[@\x8fC\xbd3\xd2\xa5\xd7\xf7\xf3\tg: \x0c\xf5\xf6\xb9 \x96*\xd4?$

 $i1D8\xd8>J\xf5\xfe\xe2\x7f\xc3\xcc\xe9a\x00\xb0\&\xbc\r\x8e\x94\xdf\xbb\xa5\xa3:\xe6\xeb\x94(\xffO\xb7\xd1\xba\xa4\xa3\x9b\xba\x01\x80d\xff\t\xe2\x90\x84$

 $\x 81>\x 61\\\x 6$

\xabw\xc3\xe4\xaf9a \$

 $\label{thm:colar_colar$

```
\xb8W\xf3\x1f\xc9\xcb\xd2\x96\x91\xc8]\xa9,h:
```

 $x10\x01\x01\x02\x03\x040\x05\x03$

\xb5\xde\x1d\xfe\x8eg\x06z\x19_\xdd\x8fn\xe16\xc1\xb25\x84\xc7\x88\x06X\x1

 $6\x0e\x32\xbdg\x93?\x8eZj\xabw\x8c\x13\xf4:_\xb0\x18\xde\x1ar}\x1b\x82=$

 $\x00\x01\x18\x8cU3\x9b\xaa\xa1\'\&\x8eC\x84\xf8\xc28p\xe0\xc6\x8bD\x94\x103\xe9;\xf3\x92<\xae\x8c\xbc\xcc/\xff\x7f\xfa;$

 $\xe7\xbcsT1\xd8\xe2\x06z\x95\t|\xb7\xc1QT\xf4\xc9\xc7W\xcf|\r\xd5|$

 $\$ \xfb\xfdNA\x0b\xf33\xfe\xd6#=a\xf7+r\x0b\xc8G`\xfd\xb9SJ\x98\xc89yE\x10\ xe9\xe3\x15\th)

%j\x06\x10\xc8\xb3a\xbbQ\x9c\x86;\x8b\x94\xd0\x8b\x83\xc2S\x1f3\x0bKA\xc6k\xc7\x9f\xe9z-

x88x94)x97Mx8bxf7xa0xca*wxa1xfdxaeQxc0x14xb3(x0b:)

 $x89pt\xb5a\x11\xda\x04\xeb\xbd\x85Z\xe9\xee$,\xec.

x16ex80xfe8xc2xbex90xbcxf3]xbcxc5x1c;Zzxc7bx9f

6\x05^i\xaa\xe53\xce\xa8\q?y\xde\x92\xfe\$

 \xopy \xaa\x9f\xbc\'K\xecyX\xfa\x90\xf5\xa60\e\xde\xa7\xb5U?

V\xfbK\xf0\xf8\xf6\xab\x1a\x05}\xd5\xb2+T\xd0\xa2\xb0\x81\xb0?

 $4\xff\x04\xe0)I\x1e\x89\xf3\xc3\x0f\xe4\xdd\x13\xe8T\x12,d~\x03\xb4\xb2M\x93\x1f\xf4\|9-\x82Bz\xdcL6/8\xff\x1d\x92!$

\xfa\xf83\xabE\x12\xe1\xcb\x89\xdb\xf8\xd9\xc6o\xc9y\xa8\xbfew\xfa?

 $\xc5\xb3,\xdfeH\xd1\x8aL\xdb*\xc3fW\xf0?\xf2h\xac\x03\xf7|\xc9\$

 $x0ex9fxf0x94}x00Yhxecxd7x06x96xf0'xff:$

xc6Wx9axd0x9brxe9xdb

 $i_{xbf}(xd5)x9a(xf4)xdc(xb2)xa4(xd0)xdd(xd5)x19(x8e(x991)xd1A(xc1y)xf5)x1a(xdd(xce(x15))x952)x04(x84)xfd7(xdb-(xd9)xfd(x91)x89(xef(xa6)x12)xf4<!O 4{? (xda(xaf(x12)x0b)xc6)xb4(xbb(x17)x12j(xda(xf5)xc8)x98H(xabG(xa9)x90X(xa88)xe5T(xca(xca(xf6EvrZ)r(xc5)xc9)xd5(xbdX))r(xa1U(x81e(x0c$)xc7)x86(xa4+(xff(x1d(xb53M)xff()xe9)xaa(xed,xj):$

 $6Z\xd9\xdb\x99\&V\xde\x01\xc2\xff\x7f\xbe\x8a\xa3\xc2!$

[\x12`90\xfe\xa6\xf1\x7f\xa4\xab\x19\x16\x0c\x12\x19\x1d\x0189\x80\xa7a\x9b

```
HhW\x04\x008\xbb\xfc\x02aF\x0e\xb9\xba\x0fL\n\xb5\xcc\xf4\x01@\xd6\xc4\x
99\x90m\xef\xefOw\x8c\x13\xe0\xf8$
\x82x\x88\xb7\xa7\xef\x05X\xa6o\xcc\x9a\x05\x11\xea\xa7\x02\xf0\xd10v\xda\x
e0\xdf9\xcd\xff+\x86\xb9\x99?
\xeae1j\xf5\xc5\r\x94\%*\x9fLZ\xb1\xca\xd6\xaf&Z\xb9\xea)
\xa6S\x18o\x15_A7\xa5\x8b\xab&v\x07\x86bl\x9c\x88\xf7\xa5?\xaa7\x04\x1a}
*F0@\xfb\x8b8\x0e\xfcW;\x02q\xe7\xb1f/
\t-
\xcf\xc8\x1f\x8a\xe5U>\xfbx\x12ah\x81Xs\x82\xb1\x91.\x05\xba\xe2\xd3\xd5\x1a
xdd\xf8\xfd\x1a\x12\xb7\xa8\%
\xy = \frac{4g}{x} \frac{4g
85)\xbe\x016\xf2^\xdcq|\xa4D\x05\x8f\x0b\x88m|
x191x81x92x84xf6x0cx12xc3xe7xd5x0exde]xb9
x99\xfdY\x96\xb2%!\x89\xc9Y\xb1\xaf\x0b\xe4vf\x1e\x18\xeb[O+
\xdb\x13\xd4\x0e\xc7\r\xf9\x93\x90\x16\x87Y\xf9\xa6\xc1\xd6\xa2h\r\xf3\x93)\
xbeon(xe4)xf6Z@(xf3Wb)xbf(xb0)xe8(xcd)x86Fw(xcd)x98(xc1)xc6((x93)x9e)xe2
xa6\xf1\x1e\xdd\x84\xb7\xe0\x80\xe4\xed\x86\xa8\xfb\xc1\x84\xcf4#\xb95@\n\
x04L\xeb\x9c\xe7\xadv\xdb_\x82\xad\xd7\xfb6\xd9\xe4[\xcd\x1dQ\xbd\xa8\x8fJ
,}
\xac\xa5\x89\xd2\x0c\xba\x82I4\xdb\xdcT\x9d\xa9\x1f\xafbo1\x83\xea4\xa1\xa7
E\xf2{\xad\x9b\xc9\x1c\xa2\x06\xd0\xbf\xfa\xe8\xa5\x08\xbe}
5\xdd*o\xe3J\x91\xf5\xb0\xadm:\x0c\xcd\xf6\xb3%\xff\x7f\xff0\xad-/
\xa79x\xccj\xedhD\xd0\xb3\xb3\xc7\x166D\xc3\xaf\xa9K2\x82\xff,\x15+
\xaa\x8e\xb00\xeb\xc8\x85\xc2\x91\x87\x0e\x1c\xdc\xe7\xef\x10\xb5\xe6\x89!
g{t\x08V~\r\xcc\x0b\x88\x9a\xffG\x93\x83\x02\x7fP\xccmX\x18\xca)}
x7fx85c}@0x7fxb0x06xb9xb5{Qxddxd1xf2pxc5x1ax8bN}
=q\xe0\xb5e\xaa\xfa\x7f\x04T\x92\xc8\x11m\x9f0a\xf8\xc3\x18\xbb\xf1\xbcxb\r
"\xaf\xb1{p\xe6\xbd\x99\xce\xad2\x07\x88\x8d\xd3 ]~\xc2\xa2\x111$
\x83\xd0\xd8\xf2\xba_\x9c_E\xf2\x850\xd9\xae@\x19\x19,\xf3l\xf5}\x079^`f\xd
9\xbc\xf8\xe4\nz2f\xe6
\xspace{1mm} \xs
\x85\xfb\x11"5\x07\xef\x1a\x17\xe7\x98_?i\x8c\xf68.\xaa\xba5\x18\x15!
n\propto7\xeed\xd0\xc4\x8f\x03\xe2B\xe8M@\xdb\x7fMS\'\xb6\x1bZ\
IYB\x1du\x0f\xe4\xfaV\xca\xbd1\xe6\x80\x9e\xccQA2\xb4\x83F\x8f\x8b\sim\xad\
xa8sVUL\xf1 4\x8e\xf1.M\x19t;\r\xa0U\xfa\xbf\x9f\xf7\xf46\xd2\xc5?;
x04;3x05x8cGxfcH()xacXx9bdx15xebxa1x8e()xe1Bqxea()
x90\xc1\xd7\xb6\x9d\xd0+
\xf6_d&U\x03i\xbd\xeb\xfc\xd8\xba\x8fP\x9e\xef\xf9\xa6/\x13\x8d\x0f\x9b9\xf6
y1y\xd1*\x1b\x83\xaf\t8\x81\x85\t\x00/\x9b\xd4\xdd>bJ\xa0\xe5\x14s\xd4\xa8+
```

xff\xe0\xf6\x02\xacX,O\xf1P\xf2\x91\xf7f\x84\x9d\xaa!

 $\label{thm:linear_continuous_co$

\xb3\xc0\xc2O\nU\x10\xd7\x81:i\xa3%

\xd9\xb9\xb6\xfc\x0c\xc2\xf9Z\x11V\xd8_\xa2\xc5\xfd\xd6?

 $x02\xf4\xf0\n\xcb\x8eUW+!$

 $\label{thm:linear_continuous_co$

 $W\cc(\x00+\x99\xe0\xbdn{]L\xf4\xcb\xbf+\xa4\xb8\xf1\xb4m\x00\x8b,$

\xc5\x86Xz\xc91\x97n\x9b\xb3\x19O\xc0\x01\x98k\x9a\xc8\xda\x16\xa3\x8c\xd 98t\x8eYS\x81\xcaf\xeb\xdf\x15%\x07\xd5\xf3\x97\xb8\xb8cz\x91/

 $E<\x80\x0e\xdf;\x0f\xc5\x141\xb2W\x8d\x13efkq\xa9mS\xf8\xd4K\$\xe5\%$

 $\xf7\x9bq\xd0\xb7\xf2\xb4\xc2\xaf=:$

 $\xspace{1.5} \xspace{1.5} \xs$

 $i\xaf*\xd7\x1c\x8eG\xb5\xe4\x7f0~\xd55\x9eHs\xa1n\xab\xd7\xc3\x80\x0cR\xcb\\x1e\xfb\xdd\xc2\x9e_\xc8\x9e`\x08c\x9a(\xfd3\x86\xb2\x0cf\x9f\xbb(\xde\x1b)\\xec\xc8\xaaV\x84\xcd\xc9t0\xa31\xce\xa9\xe3\xdc\x02K\xf9\xcal\xf1\n\xc9\xad\x145\xa2(\x9c\x15\xca\xcf\xac\xed\xf4\xcc\x1b/$

7\xfcvU5\x0b\xba\x84\xdb\xd2i\xacW/

 $x04[x95xf0x99]nxc59axc55xxb1Mx14}xacxfd$

 $\label{thm:composition} $$ \operatorname{xc1}xfd3z\\xab\\x18M\\x16\\xffUw\\xbe\\xc0F@\\xad\\xe0\\xd0\\xe4e\\xaaE\\x93\\x9a\\x91\\x99\\xb2\\x11\\x03\\xbb\\xd7\\x93^*1K\\x0c>r\\xaec\\xb8\\xaf\\x94\\xf5\\xad\\x0fk\\xf5\\x03\\Ngh\\xca\\xf2\\x8dg;N\\x92\\xef\\xc4UT^*\\x82\\x857\\xff+\\x85\\r(\\xd7c\\x9d\\xe6$\\xc0c3\\xe5\\x8b\\x82<\\x07k]\\xf3^*&%$

{\x9a\xfb2\x89\xb2KD\x8d\x13;\x86ry\xaf\x8e/#\x02\xa3\x86/

 $EI\xb0\xb5\xb6\x87\$g6\xc8Y\xe18\&\xdc\ j\x8a\x06w\xfeE\xbe\xc7D\xd0\x86\xd0\xd5+\xa1\x1a\x0e\xf8\xd3\xd6"!$

P\xea\x8d\xba\x1d\xf9\xc4\xd1\x107\x0f\xa9\x9f\x007UtI3W\xf0\xb4\xf6\x1e\x1 0!T\xda\x86\x12b\x81\xf0v\xc2|\x1f\xd77m\xa4&uv\xba\x00w\x85\xfc/\xbb\xca\xa3\xf1\xa7\x904A\x15\xb0\xaa\xa8\xf5T\xc2C\xf8x\x1c\xa0\x02r\xe4t\xaf\x1eK1\xbb\xa9\x03\x88\xe6!\x8d.\xa2\xc3\xf7a\xc5\xa4\xa9!&\xb3_\x1c|

```
`\xc3\xdb\x82\x8c\x92\xbfh<\x9d\x000\xa1\xca\x06\x1a\xb6\xd1\xd1\x82\xb3H\ x1c\x01>*\xef\x0fY\xda\xf9]o\xc2n\xf0\xf8\xb0\x0f\xae\xe4\xf5oa7u\xd8=`ux\xce\xc4\xdd\xec\xe4\x8a[\\
```

 $\xd4\x15\x00'\x91+F\xc0\x84\xd8\x05\xc9\xda\xa9\xf6\x99P\xe6^Kt\x8fN\xdd\xa3\xa1\xe1(\x8f}\x10\xc4C\x83\xff~\x8e\xb5]\x12\xf4E\x9d\x89K\xd7\.$

 $\label{thm:linear} $$ \operatorname{Z}(x_0) \times 0^{x_0} \times$

 $\adva0 \x03 \x00 \x13Z \x0b\%z \x0430 \xa4 \xa5 \xab \x91 \x19eCmr \xba \xa0 \xa3F, W \x93y \adva3!, i \xdbc: \x19F \xd4 \$

 $x98\xf2(b\xeb\xec\xec\xe4\xb7\xa4\%)\x14\x85\xed\xda\x8e\xef$

 $T\xdd\xad\xba\x0e\xc7\xc6\x88G\x18Mtv\x85\xb3\xda4@\x92\xd1\xd7d\#\xc9R\xc3\xa0\xe6\x86|$

 $\xe9\x96\xe9\x1c\xe5s(\t\xe8\xdd6\xd2\xd0\x14\xdd\xbc\xba\xda\x7f\x1e\x1dd\x0f\xe3k;\xc8\x89\xd2\xfe\xd6\xad\x88\x0c\xbd\x02:*V\xf1!$

 $m\backslash xfd\backslash x89d\backslash xa6\backslash xfb\backslash xa5\backslash xce\backslash xea \ \ x1c\backslash x1c\backslash xb0x\backslash xb2\backslash x99\backslash x95l\backslash xaf\backslash x80Zv\backslash xba\backslash x16\backslash x17\backslash xf4\backslash x85\backslash xa4\backslash xcc\backslash x9dP1w\backslash xaa\backslash x84h\backslash x11e\backslash x0e6ay\backslash x89\backslash xf0\backslash xfe\backslash x85\backslash x1dV\backslash x9e!\backslash xb0\backslash xe6\backslash x1e1qn\backslash x8ds\backslash xeb,$

 $\xcf\xc8\x13\xf7\x0c\x1c\xea\xael\xa4\xf1\xb1d\x00R\x00\%\xa9\xbe\x00\x99\x15\xd51i\x9c\x13\x902r\xea}!$

 $\xc50\xc9n\xc4)\xcbl\x11]^\xadz\x81\xba\x85$

x94Yx0bqxc2xe3xe7xcc

 $\x 89A\xb5; fK\x06\x12\xf88\xb5\xcddf\x11\xe7\xdf\xe0\x97\xbem\x85\xa4\xc0\x\\93\xbf\xab[\xf5g]\$

 $t\x17\x11\x16U\xae\x80\xf6H\xc8\xcf\xef\xf8\'\x86\x1d\xef\xc0\x08\x1d\w\xdb\xf3XM\xb6E\xf7\x84\t\xda\x89\xcb\xdb\xdd\!O*\t.$

 $\label{thm:condition} $$ \x82\x89\x03&s\xb9)\xe2\x84\x98N\xd4\xc5\xae\xc2W\xd4H7\xba\xe2\xe7\x94 $$ C\xcf4>f\xd0\xa6''2\xe0s\t\x0c\x90O\x1fc\xbe\t\xcb\x1a\xe1y\xc6|z\'\xfe) $$ \xf6\x1f\xa4\x1f)\xf7\xb1N\xfd\x84)\x1d\%14\xe0b\xfe(`8\xd8\xf6\xdc/? \x19\xcb\x8f\xeb3\xba\#\xb7\x80Y\x92K\xc68>\#\xae\xbE\xc1\xfe\xd2\xfb\xd9\x93\x11Ny\xc2\x98\x1a\xcc\xeb\xf5o\xc0_\xc2\xdf\xeb\x0f\xeb\xb8\x86\xd9|$

 $\xf1\xfd\xaf\xdd\xc7\xe2\xb3\xd7S\x19\x94\xef\xd7_\xe9\x01\xa4\xd2\x1c\xc97\x$

```
a3\x0f\xcd\xc29DF\n\xda\xac\xdeh\xb2M\x8bf\x80\x85\xc0B\xb8pP\xb8\x930\
n\c4\x84\x88B\x91\Ve\xa2\WbffC\x0f\xff\x7f\xff\n`3\{\nV\xfa\x83\xd0\x8c\x80\x
c64\xe5\xbd\xdcD3a)a\xf9\xb28>\xa1H4\xd3\x1d\x13\x0bD\x8d\xe0
\xd1\xdf\x00\xf5v\r\x84Jr\x05\x96\x08p\x04x\x03g\xcc0\fi
\xeew\xe3\x8b\x8cSZ\x9a^\x07B0i\x95\xab\'u\x8fS\x96\xac\xee\xe8-j3q!
t&$2\xf4\x04/\x19\xd2\x9f\xffs\x15\xe6\xe0)\%
\xd9\x11D\xe5\xe8J\xa0.\xee\x9bH9\xe0\x05\x0c\xb5\xd4\[4<\xc5\&x\xcb?
+x*\x9e2\xdc\xb9\x99p\#=z\xc2\xe8\xb7?
\x1djg\xda\xdf\xc2\x00\x99\xcd\xb3\x01ai^q\x01\xed\xfb\x0c6\x86_\x18\x10\xd
6\xf4\xca\xc8"\xaa\x8cIT\xb7\xe5_\x05\x14
\xfeQ\x01\xc5~\xfaX\x11e\xea\x83.P\xc7x\xce\xe10\xdb\xc9\xe8\xc5\x99\x9b\xd
29\xe0\x81\xdb\xe6\x9f/tX\xa7@}|\tV3\xfb\x1b\xf2\xf1\x0fL|
\x9b\x01\xf1L\xe6\x07\xc2Q\x7f\x05r\x12\x16\xfc\xd3\xc7\x15"$%
\xee\xe0\x86=\xfe\x02\xb7\x02\xc8\xcf\xac\xe6\xef?
@\x12\x90:\xdb\xf0\xc4\xa0\x9f\xd1\x91\x13a\xe5\x90!
Ca\x86\x1cb\x80\xf0\xad|\xbbbX\xc2h\
\x8c\xf1\x94\x85X+U\xad\xe7\xad\x13\xef^"\x00\x19z;
\xc3\x1a7\xe5\r\x00\'\xf4\xec\x83\xe0\xc8ha\x012n!!
\xc\x12\xb6\xfc\xc3\x1d1\x95\x06\xeblu:
\x)1\x06N>\xf4h\x86\x8b\xffB~\xffl\x86\xfa\xcb4\xe0r\r\xc2\x8a\xb6\xbfe\x02\xeq
x83\xb5\xfe\xd8\xbd\xac\xcd\x9e3\xa7F\xcf\x802\xfdd\xceZf\xef\x9eB$
\x1cwd\xa4q_\x025?\x87\xa3\xf8J\xde\xa46\xf7\xdd\xf4."+
\xdft\x1f(r)O7\xd2\xdbq\x96\/c\xf9\#\xab"J{\x10\x83t\x0b\xf1\x95\xde')}
\xdc\x14\xfb[\xda\x14\xf8UvBa\xd4.\x05\xba\x1fb\xe1\xd2g\x8d\xb9\x04l\xd8\x9
7\x0ct\xa1\x0b\x1f\x19\xb6E\x80\x9d,
\xc1\xcf\xf7^G\xef\xb7\xf3:\x0e"nk\xc8z\x19T~e\xfa\xfe\xa4\x0bC.
\xa3\x83<\x82\x9b\xf2\x1b\x90\x9fg\xe3\xd6\xa4\x19\x1f\x8eHa\x80\xbcl\x8b\x
a4\x15\xd2\xa0-
a\xfd\xd1,\x9f\x80{\xc7\xbf\x15\xf2\xe7\xaa\xea\x9d\'^e\xcb\n9M\xe4\x0b\xeb\xeb\xeb}
d9\x13\xda:t\xb4\xea\xef4\xb8911\xab\xaaa#\xc0|!
\x8cu\x17\x11\x9ev[\xc3\x0b\xa5<B\xa4\xac4kY\x96\x95\xe1\xcc3w\xdc\xed\x0
5|{B\xa4\xd7\\\x83\xeb\xac\x85\x1b/
\footnote{A} \rack{\colored} \rack{\colored}
x8b\xd8\#\xd1\xc7\xcd\x83\xfd(\x0bRt\xbbD)'\x9f\xfe\xf0\x8d\xd9j\xd8\xcfj\xd5a
\xfaz?s\x1a\xa9r\xd5\xaf-\xe3J\xb0?\xa3?\xe4\xea\x04\xb1:\x0b\xa5\x81\xc3|
\xc1Z\xd5c\xd2\#\xc8I\xd7\xfd\x8f\xed\x84\xdd/\x84y\x84?\_4c$+K:9>\xe9"_V-12 \xd5c\xd2\#\xd2\#\xd2+K:9>\xe9"_V-12 \xd5c\xd2\#\xd2+K:9>\xe9"_V-12 \xd5c\xd2+K:9>\xe9"_V-12 \xd5c\xd2+K:9>\xe9T_02 \xd5c\xd2+K
\xd0\xb9\x18\'F9\xec#h\xf7\x14\xc9\xf1\x81\x84H\x18g\xf2\x00b\xceV\x88I\x15/
\xdd\xd2\xc6\n\x97\x8f}\x7f:\x96\xed\xcc\x1d\xb8\x8a\xce\x01K\xd7\xa1\x90$;
\frac{x04r}{xe1}\times 7\frac{x}{2}
\x11\x19\x919\xc9\xd6\xc0\xdd\xb0\xb4\xe8\x9cF8\x9a~L\x04\r\xbc{\xf4\xee^\}
x1bC\x19Z\xdb\xe6\xa5Q\xce\xb2H\x8d\x1e\xf6\xf1%
\xba\xdd\x0c\x0c\xb2\xec\xb4\x07
x8fad>xc7txbf7ux10Hxe8Ex99xf0xca6xe2*xf6x97xb1xf1xfcx9fNx8
5I[M\xdb\xc2\x948\x82\xd9\xb4\xd4\xe8\x05T\xeaf\xc7\xda\xd9#\xa7\xa1\x86#
\xd9\xd8\x99\xe3V\x00\x1d\x9c\x1b\x05\xce\x1cO>\x7fHS\xae\xe4o\xf8\x9e\x8
```

ag9\x03XI\xdf\xe6\xf6\x9b=\xc2\xfa\x8e.Mv\xae\xa6\xf5D\x83\x02n(}

x90x06tx8d6xfexfdx9d/

```
 W \times 5h \times 0e \times 8a \times 57 \times 6x = \frac{x98F}{xe6} \times 11x95 \times 9dx [\xd7 \times a \times 2xf1 \times 9a \times 2xf1 \times 2xf1
```

 $\x1c\xceXoI\xd5."t\xe57\x074\xf7\x03\xbe+$

 $\x1a\xf4\xe0\x1e\x8c9\xe0\x1f\xea\x9eE\xb0\t2A\xfc\xe6\xa3\x16!$

 $\x 97 \times 93 \times 96 \times 61 \times 10 \times 10 \times 10 \times 10 \times 10^{1} \times 10^$

 $\x = 17(\x = 1) \times 17(\x = 1)$

\x18\xb8\xf0L\xa3\x80\x10\xe3=\xa7\xff\x01s\x9cC\$

 $x8a&xa7\\xe4\\xb2\\xf8\\x92\\xc3"rL\\xec\\x9bvYcs\\xe0\\xdbs\\xcbP\\xa4-$

 $\label{thm:linear_constraint} $$ \frac{xf2\xb9t\xf82\x17]\xb4\xb1\xf3\xd0sq\xcc\x1aNC\xf3\xffY4\x80\xc3\xcey\x89\xef\xeeP\x91T\xc0\xf5\xc6\x93\xW\xd7\xa4^o\x88\x9d\x95\x0c\xcc\xfd\x04f\xcf>c\x06\JE\xfc\x9d\x03(\xc0\xbfu\x03b2\x9c[\xff\x00b\xd4\xac[\x0b\xa2\xf7\x00\xfd\xd7\x02\x14\x071\x80\x8d\x03u\x9a\x953G\xbf]$

 $\label{thm:label} $$ \x1b*Ua=1\\xe2\\x92\\x08\\xd4\\x9d\\x08\\xcf\\x008\\xcd^d\\xba\\xf7\\xddF\\xc3\\x9fW6\\x0b)y^{x05}\\xb06\\x95\\x85\\xa2\\x9a\\x90\\x95\\xfa>_*\\xcc(t\\x8c\\x04M\\x9fh\\x8b\\xf0\\xcds,t\\x84\\x81\\xf0g\\x151Q\\x07\\y\\x12\\x80\\xe4\\E\\xcf\\x8f\\x06\\xb9,..)\\x97\\x17\\x1dt=[m\\xf4\\x19\\x1f\\x98\\x03\\xf1\\xe6\\x1c\\x03\\xc7\\x967\\x10\\x8f\\x87\\xb5\\x9f)$

 $\x07\xc7\x19Z\xde*\xf3\xb3<\xd2\x8f(\xf3\xff|\xe2I\xd8\xfc\xe0\xbbs$

v\x0c\x87\xdf\xea\x05\xac\x12)\xd4Yt)\xe3\xa0;\x90\xf8\xc2?

x82aaxcdx16xa9xea:

 $\label{thm:linear_continuous_co$

\xc6\xde\x13;8\xd6\x1e\xfbj\x88\x18\xdd\xb8\xa1\x0c\xc5tB

\xbf\x9f\x061X\x0e\xc8\xde\xe5\xe7\x7f\xf84\xa4P\xfb\x88u\x13F\x8c-

x9\xdd\xa0\xa3\xaa\xe3q\xd0\xff\\\xbc\xac\x84.N2d\xe4\x88V\xa8\x0e\ \x12\x15a\x85\x8c\x185,

{\xcab\xca\x88\x1808\x0b@\x8eK\xcb\x9fHz\xdf\xc0;EU+y\xc1\xdeo\x8a<I\xb31

```
 f\{xa2\x83\{\x9e^{\x6}\x8b\xd3\x9b\{R=\x9e\xbb\x12\x85\xad\xd9N\} \\ \xfd\x8d\xb6\x0f\&\xa4\xf5\x1b\xd7\xe5|\x7f\x8br\xf3\x81\xee\xe6\xc1\xa8EE\'\xc8(Q\xd3\xb2nh\xd1\x8a\xb0\xb9!\x98\)
```

\xc7\x1b\xd8\xd7\x92\xc6\xda\xac*J\xc8\xe1\x13\xc7n\xc1Nq\xbc\xd1\x05\x10\x c0\xee5\x8c\x89c\x8e\x8eLA\xc51\xa8\x9b&\xaf\xc3R\'\x8acT\x05\xb6\xaa \x06\x89\x01k\x7f\x10\xcb|\xc7ykr\x1d\xfd\$

 $x9ax86xbbS(x0c\%bx94Rxe3h2^h4Txc5x93xcdY)$

f\x9acj@\xbf[L\n\xb5_8\xe9&\xf3\x95;\xf3\x92\x13\$\xab0\xe8+

 $N\x87\xae\x89\xda\x90\xc636\x07\xed\xc7\xa0\xb9\xc3\x03\x7f\x0c\x83e0\%c\xba\x8e\xffs\x80q,!\x1b_o\x80c\x80\x0c\x00+r\x10\xa1\xa7|$

 $\xy 2\xf8A\xa1\xy 5\xa4W\x88\xad\xbd'\x8f\xdct\xy 9-$

 $\label{lem:hamman} $H\x12\x9c\xdf\xe9m*M\xcf\x86\x9d\xc6\x9bnw\xba8\x9f\xc2\xd8\xe27\xac. $$ \xfe\x02\xeb\xa93\xf5\xa6\xe9\xb7\xba\x01m\xa8\xa6\x1d\xac:7\xab\x91\#\x84\x fb\xa1]Oe\x80n[\xf3\xaa8\]$

\x10\x96@\xdc>\xb82\xb1=~\x13\x0b\xc3\xb5H\x02\x8c\xd5\xb3\xaeo\xa3\xac\rV`\xbb\xd7\xa4\xd2P\xca\xa9\x9a\x81\xae\x12/\x1e@3\xb6L\xb0\x0f/\x1b\xfa5\x12\x08\xdd\xb3\'\xc2\xe9\x19\xa4\xdcc\$

 $x91\xd1K\xed\xbbL\x1d\x1ek\x10\xeb,\x9c\xa1\xf3oj\xd7\x98w\x14/$

s\xab~\xd6"\x82\x98HX\xfa\xc2zq\xadAYN\xaa\x8f\xcfy\xfd\xb9\xbc!

 $Jmz\xe7[\xf2$/\xfen\x0bl\r\x97,\x9c\xd1\x90\x06\x9e\x10\xd2\xd5!$

 $\a4\xbc\xbd\x95\x7f^\xfad\xb8\xdf\xb8\xa7\x8d\xdb&?$

\t\xdd\xf0^\x14s\xf8\x0e\xc8\xa3!

 $\f(x05)x0c\\x11\\x11\\x04\\x1b1\\xe9\\x99\\xb4)\\xc4\\xf3\\x95\\xbb\\xc4\\xce3x\\x00\\x00$

b\xdc\x13\x15\xc9{\xb9du\x1c\xc4G\xa4\x91\xc2\xd4\x17i\x83t>]

 $\x19j\xbb\x84\xa6\x10\x08\x9b\xbdv\xd7B+\xef\xbb\xa3\xa6\xa4QB\x06\n$

 $\x1a\xf21\x9f\xca\xe3\x8a\xf3\xaa\xa24\x00\x90X\x08\rW9Q\xea\xbb\x7f$

 $\x08\xf8\xc3\xb6\xc5\xa6\iK\xf6\xe5n\xc3P0\xf4\x88\xd8~\x07hI\x0f\xbe-c\xc7+\x06\r\t^\xb5\xa1\x97UE.$

 $+\#:\#\x9b\xf9\x8b\xd0\x1d\x84\xb4\xa6<\xc6\x02\xeb\xd4\x1b8\x12\xc7g\xf2S\x9a\xbbmcg}?\xec\x1di\xfa-\xd2\x8aQ\xe4\%-\xf1U\x0c?$

x04Mpx00xcexf8x97xf7B.Z@0~xc1o~\$x95~xeeFxe5xea

 $\xfb\xd26\x87\xda/\xf8v(\x8bV\x10\x91[\xe4?$

 $\xb7(\xf9^\xa3)\xeb\xb6\xe0>\xb9^\x04m\xe4\xa5\xda\xdd\xde`\xfc\x80B\xca\x07p\x9e\x1d\xf3BQ\x17\x18ui\xc2U\x06\xb0V\xd04$*P\x0c\xff\x1e"\xc2\x8a1t\xc2G-~\xcel+$

 $\xe5\x00'\xbdD<(*\xb7q\x93MK(\xa6)$

 $\label{thm:linear_continuous_co$

 $\x11\xeb\xe6\xf7\x1e\xfd8FZ\x16W\xd9\xabA\xff9\xce>\xd5\lw\xc9-\xd5\lw$

 $\x = \frac{x9h}{x9e} \times (x16)r5x[\x 9e+n\x 02\x 3f\x ef\x ef\x 3\x 18\x 8e-x f7\x 9a\x 3(C.$

 $\c (\x013\xdf66^eyS\xfcU\x7f\xa0T8\x1f\xb8\xf8\x02\xa9z\x05\xdc\x17\xe8\xe6\x94\xe2\xf4\x01\xcb\xeb|(;\x1cs\xaf]"<\xc5\xbdf!$

 $\xy 95\xy 95\xy$

 $\xf5\xd3\xf0\xf2\xb8\xaa\x17\rw\xd4\x0c/$

 $\d M\c C'\xa6Y\x12\x1efiH\xb1LC<\xdc\x97#)\x17d$

 $\xb7\xfb\xa4\x82G\x9f\xd2\x01\xc3\xc9\xc8b\xa9`\xafAP\xc1kb\x99\x0b\xba\x9 e\xdaxf\xa5\x89\xa2\xa5\x9d?Z\xb9\xaejx;$

%&\xb2\x95\xd9u;_\t\xb4<\xc9\x86\xdbY\xb7Nf\xed\x0c\x19<\x9a\xbbp\x15\xa

 $5; Lv7M|\xaa\x10o\xa6\xb2\x00\x9eM"\xfb\x99\xe3\xb0\xe6\xcdFQ$$

 $\xcd = x8f\xc4\x07\xa4\x00\xbc\xb2F\xd68\xce$

\xae\x92s\x06d\x993\xf4\xb5Y\xd7\xa4GL\x8e\xf98\xb0|

@ $\x037\x8d\xa5$)\r\xc1\x85\xe6\xc6\xc6\xc0\x85\xd0\x1b\x9b\xf3E\xc2\xb6\xbe\xce\x11m\xb9\xf1\xb3\xb7\xa2\xf8\xb3\xcd\xbb\x01u\xb0*\xa3\xfb,

\xea\xfd\x05\x11\x9d\xfd\xcc\x8a"\xa3\xb3kS\x17\xf0t\x98\x0c\x97(\xa6\xe5\x00K\'B.

 $\\x0.04\x0$

x8ex88x16x9exab

 $A\x05\xc1\x89;\xa9\x04+e\xe2\x03\x8e\xf3N\xa55\xb5\xa6\xc9i\x83\x82$)g\xa4\xca\x94\xdc\x8e\'\x9e3\xdc\xd78\x9c\x87F|$

 $\x 17m\xf7\xf7\xb9\xf0U\x0c\xe9\x85\xfa\xf3\xe6\xa3c\xd0\x88\x91\x0c\xbb<|\xf7\xa5P\xa7\xea\x15\x8d;$

 $\label{thm:linear} $$ \operatorname{xed}(xa3)\times h(x)^{1}(xb5)\times faT(x99)\times 7(xf)^{2}(xf)^{2$

\xa7\x8e\xb9\x84\xc5\xb8\xeb\x88e\xd00\x02\x84\vA\xfe;\$

x0fx7fxffx7fxb2x9bGxadxc7x8b)xacxfcY;oxc7xca

@&\x03\x01_\x83K\x13\xf2sb\xf1\x10\xe6\x7fC\x91

 $bl5\xe4\xb0\xef\xf4fo\xf7@J\x85\xa5v\x10\xbb\xf5h$

 $5K\xaaz\xca\x94\x15<\xed\xb6\xe1\x97,\xa95\x8c\x9a\x9d\x02\xa6\xf4Z\xd4\x9d\xfa2d$

 $\xd7\x1cQ\x14\xda\x0b\x1b/(F\x1f\xa0$

 $Y\x02\x93\xad\xba\xc1\xdc\xf7\xf8f\x8cn$

\x99VK\xb0\xee\xcb\x98g\x14\xab\xe6\x90H^\xff!

 $\xy 97m\xfe'\xy 92\xy 92\xy$

 $\x 2\x b 8\x 9 3 \& k\x e 5\x f 9\x b e 4 4\x 1 4\x d d\x c 5\x 0 f\x a 1\x c 2\x d 7!$

\x9f0U\x92\xee\xbc\x0f\xfbI\\WI\x8cCB\xa4XKa\xc1xy\xe8\xb2\x94ZL\xf7+

\xb6)&\x17\x1e\xf8\xbex\x83G]\x06\x82\xf6\x90\x9c\x1e\$\xbf\x0b\x08!

\xf3\x94p^3*\x96n\xd5\x9dQ7\x83\xd3\xc9\x0c\xd3\xd1I*3\x9a\xc5\n\xa9\x90\xb9\x00%m\x0e:

 $\label{thm:linear_continuous_co$

 $P\x0c*\x1f\xaa\xc31\xa0\x18\x1c\xe2S\x0f\xe1\xba\x9c\x9c\xec>\xb2\x19\&\x965$ A\xdf]

 $i\xb7\xf0\xb3@EN4\xbe\xeb\tY\xc2XIHT\x00\xfe\xd9\xcc\x82\xd3\x96\x88U\xc3\x00\x91\xdfF\xc0\xb0\xa1\xf7@\xac\xdd\xd4J\xca\xdf\x99\x1d\x1f\x06S\x9d^D\xe7Ue\xc6\xdaE\{\x1eB\xec\xcf\x0f\x8aE\xb3t\x8d\x99\xcd\x87io\xf1c\xd5*\x96a\#\x8e.\x1f\x87Yu\xc3\x88\xfe\xed\xafW\x16~\t}\xb65?$

\xfc\x8a\x07\xd8\xa8>1\xd0*\xe6\xc1\x15"\xcd\x17@\xfd\xe6\xf5\xbe\xf5y#j\x9 b\xaf\xa5\xb0H\xa2\x7f\xdc\xdd\x93R\x8b\xa8y3\xae)i\xbd\xeb\xc1y\xae% \x85\xf9\x12K\xc2\xe3B\xd4\xd1(c:\xd0\x15@\x9e\xec\xe7!

\x9c^\xed\x81S\$\xcd!\x9c\xe8@\xf6\x8a

 $\label{thm:linear} $$ \xc0)\xf3\xbe\xa5e\xe4\xea\x85d\xd2\xa0'\Kx\x9a\xf9\xf9\xcaL\xbcNmP\xda\x16\xa6j\x95\xbe\xc4\xdb\x15\xa6\xa8'\xb3\x9f\x99\x93@\xe2(\xed\x9b{}\xe3\xb4\xb4\xbd\xe9c\xe6\xf3\xd2\xad\xef\)$

 $\xc9e\xa9\xafaG\x03\x14\xc7_\x05\x01\xc2\x96\x93\xe1t\xbc}$

 $\xb1ry2\x04V\xaeW\xca^t\xb5\x07\xca\xce\x89\'\xd3\xc9\5O+:$

 $\xspace{1mm} \xspace{1mm} \xs$

 $\xomega= \xomega= \$

 $\x3 \x9b6\x05T\xd7\xb9\xbb\xcdpfK^\x9d\xa6\xe05\x16\x83\x966\x97\xea*\xa6\xe0'\xaf\x95\xab_\'\\xbf\$

 $\label{thm:linear_constraint} $$ \x6W\xf7C\x99\x84\xf8\xeae\xa5\x03D3\x9e\x8b\xd4\x9c\x06t\x90\xd0\x94v\xd9\%RO\xe5\xb4\trb\xb2\xe1\xb9\xe3\xb5\x90z\xaf\xb8\xd8\x11K\n\xabM[I\x15] $$ @\xefh\x07\xac\x0caZ\x81\x89\xf8kw\x084]B6\x9bzqBI\xaeh\x8e5\x1be\x80Hb u\x05\xcfEY\x99\xfb.\xa5\x15\xba\xb2u\xec?$

H\xdfa\xe2\xaa\x9e\xcfR\x9dW\xacE6!

 $\label{thm:linear_label} $$ \int_{\mathbb{R}^{2}} \frac{16}{x} 4\left(x^{9}\right) x^{9} \cdot x^{9} \cdot$

 $\label{thm:convention} $$ Y(\xf9\xcf\xf7.Wk\x81br\xa5\x01\n\x01\x92L\x9c\xed\xa8F\xee\xb9\xa1\x83x\x8 a\xd3\xfe''\xd2\x84\xe2\x13GT\xac\x0e\x7f(o\xa0\x0fdp\xde\x00\xc5\xdav\x12\x8 e\x5f\xc1\xef\x9dD\x1f\xf6\Y4Tz\xbd\x122\x94\xeb\xb8<\x9f\xba\xbb\xfb8\x86; \xa4 r\xb6\x1ej\xb1\xa5]N@\xc9\xa8\xff(\xe3x\xc0\xbc3[K\xf2\x03]$

 $R\x1f\r\x05\xa6\xe6\xf2\xc5L\xa59\xc5C\xc31/\xe6\xefI\n$

 $\x3f\x5f\x95\xc4\x1b\'\x9fHh\xdf\xfd\xd5=\xf9\xae\xe2''\x06\x82\xc5t!\\ \xab\x00\xe6CE\xbd\xc2hj\xb2\x05\xa0\xafu\xdeJ-\x96\$

 $B\xc66''\x8c\xe3rZ\x9f9\xd1\x96\x92\xdd\xd3U\xb6\x11\xb2\xeb\xea\xda\xd8\xe4\xbe\&\x12E\x7f\x95E\na\x16l\x82K\xe5\xa0\x91TH\xa5\x9d\xeb!$

\xa4\xe9\xf1\xce\xd9\xa2\xd3\xd6\xe5c\xa4_\xe8L\x07\xf4;\xa0+h\x16]j\xa40^

```
\xa6\xd73i\x85\x90\xdbJ\x03|\x1f6b\xff\x89\x1a\x198{\xbb\x1f!
8\x99F\xef\xbb\x81\xf99\xa84\xa48\xf5AZL\x9f\xb8\x9c\x83\xfcX\xf6-6D{\xac\
xf6Yfp\x86\xb4Z\xa0\x891R\x86]b\x9c\xbc\xdaNn\x8c\xb6\xf8\x11\xa7\xe9\xd6
\xc9\xee!
\x13\xf7\xba\xf29\x14\xe4\xc2\xe4AYD\xf1\xf7\xdb\xfb\x96\x8b\xd0\x1d\x0c\xc
8\xe9\r\xbb\x12\x9arV\x87\xa6\xd8`n\\\x1b\x82\x18\xc7\x13\xcb$
x9fx16xf5xecxec=xf6^tqxa3rxb7xcc"x97zxc4*xf4x00dfxaa"xefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxefxa9rxef
xab\x8cw\xda\xfc/\xcf\xa5\xee}\xcd\x15+
\xspace{1.5} \xs
ccd\xf69\xf5\\x97\xe7\x88\xff\x03)\x00\xa1\xd1\x97%\x11\xacX/
\x1c\xc3e\xfd\xe5Y\xce\x96F\xfc\xf0\xe8\xa8\x0b6\xe6k
\xf0\xc6/\xd0QL\x93\x9c\x1c\xeb\xc4\xf6\xa8\n\xbb\xcd\x14\xca\xb1\xab\x89P\
xb4\xec\x1c\x9b\x1cq8/\xf4WZ\x01\x9e\xc1\x17\'g\x00F\x1c\xa3Bv\x996\x8f\xfe
1\xcabDV\xa68\xf2g1gf\x7f\xad\xe4H\xb8\xd8\t\xd8(X\xffQ\xd2\x98\xae!
{xa5:xd4h[+x13]x9fD/}
\xd0\x06\xa9\xf4^\x02\x88\x84\xfc`\x12\x93\x0c\xf9>R\xbd\x8bN\x9e_\x043E\
xee.\xe8\x9c\xc5J\xef\x11\xed\x93\arrowealta
\xf3\xbb\xc7\x91R\xdc\xca\xb9\xa5\xf8\xc91\xce\x86\xe0\x97\x84)EXT\x0c\xa8
[\x0c:
Of\x18\xf8\xed%\xf1\x11,D\xac:\xb8I\x91z\xd6\xcb\xf7\'\xc9-\x08\x1c}
9h\x00\xf3\x93\xaa12\x1f\x9e\x17\xf1\x9e\x8e\x9f\x7f.W\xa2\x82\x8c\x80\x86e
xbd\xb8Tk\xf9\xc5\xf9M\xdc\xfb\xed^\xa0\x1dY\x11\xd1\xbd\x0e\xaeB\x16\xb6\
xacx\xb3\xaa\xf6A\x908\x18\x87\xb0\xd5\x1e\x8b\xf8\xb7\xf5z[\xee\x14\x08\x1
x8ex8a>cx86X@QAxb1Mxbex136xafxacQxbfxafxff^xf4x9bxbc@x86x
xcej\xf0e\x96C\x84\x1a\x91\xda\xe1\xb8\x7fR\x84\x0bp/
\xe9P\xa5JCa\x15\xa7%o\x9b\x80\xa0\x04\xf7\x97\xb4U\x11\t0V\xda\x07\x04\x
d78\x00\xfd\x9fT\xf6\x8d
1\x06g\xa5\x84\xf6\xb9\xde\x1b\xe5\xb5\xca6\xd1V\x8b\xff~\xbbH\x03\xc7.\x9
2\x92\x1a\x84\\6\xa9t\xe9$-\xcdhhR\x0f\xa9\xa1\xb7\x1b"?
\x9f\x97\xe0\xec\xe6\x18bv\xb9\xce\xa90\x8a\x0b\xd2\xb1|
\x11f\xf2\xc7\xd6\x0f\xd8J@(\xe3\xe9xh\xdc\x8d,\x99\x1c\\
9cb\x9c\x87\xf5f.\xc8 "\x88 \x0c\x81\x8b\x94\xf5\xe4p\xebF
\x10\x84W\x17\x80$
\x94\x88(1]\xf7\xfbV\xa9T\x91\x85\'\x916\x94\x90\xc4\xf2\xb5U"I\xd6\x05?
x92x03xf5.xe5xc1xf7exe5xd9xc9x0cxd4mxb7xadxd9<
x10\xeb\xcb_xc7\x88p\xcb\xf8P\x1a\x18\x8b\xa6!
\ \xd3k7\xdb\xc1\xd4\x84\xee\x04\xdfl\xcc\xc5=*\xdc\x95:\xa88\xf6\xa4\xa1\#\x
07\xda\x94h\xacp\xa8\x81\xd6>\xfe\xe0\xdej\x9f\x84\x9do\x0f\x99\x8e\xa90_i
$\x14Fw\xa5\xf1>\x1c\x90Z\x06\xf5\x88\xc8\xa6jv\x81\xc7E\xaa\xcad\xb5\xbf\
```

 $\cu=\xf7\xde\x0b\xea\x9f\'\#\x80\xd3\xa6\x167\x1e\x91\x9f6\x97\x8b\xc9K=\x89\xd7\xe9\xc3\xaf7A\x04\r\xbf\xd0\xfbu\x1b\x91\x1a\x18\xc8\xf3\xc1\xf2\xe$

9\xa7\xa2y0rwio \xeaE\xc94\x93w\xb9\x9d\xe6\xfb\xbf}

 $\xb5\x88\x0es\xe5\xd5\xb8\xa0A\'\xaa\x04g\xa7\xc9r\xdf\x8f:}$

 $i\xe5\xbc\xa1\xc6\xdf\xc2\xf3V\$

\xf2\x9ac\xea\x06\x87c\x93B8#y\x14\x18\x9aW.?\xf5\xcb\xf4\\\x02!

\$\xd7\rR\xbai\x839)\xde\xd3\xa6\xd1\x99j\x95/

 $\label{thm:linear} $$ \x85N\xbf\x02\xf3\xed\xf1\xce\x1a\xf1\xdb\xc1\xbf\xeb\xb4\x89\x15\x9e\x93\x8 $$ 4S\xa6\'\r\x91\xed\xc3\xab\x9e\xd9\lb\xbc\xb9\x9c\xde\xc8\l\xa7\xae\xf0\xdc\x9b\xba$\xe8\(\xf6\e!!\n\x94\xb6\xf6\x17\xce\x8c\xfd\x05\x1e?y! $$$

 $\xe2\x8a\x8b3\x9f\x80>\xfd\xc7\xe3\xae\x07\xff\r\xfft\x97\xe5\x96\x99\xa6;WJ\x17\x9d\xca;\xb1\x9b\x8e\x05F\x9a\x83\x98\xd4\xa9\x84\xf7_\x02`|$

 $\label{thm:linear_continuous_co$

 $x80^xf2(xd7xa0xdaxd6)$

```
\x95\xad\xcb;p\x88\xc6\x02L\x841\x94C\x185\x16\x0f\x9c\xdf\x84IVM4\xa3\xa
6\xf9\x86B\';\\\xd0ZQ\xb3\xbc\xe5a\x8dD\x87\xc2\xea\x80\xa7o(D()
\x83\xd7\xef\xf2k\xf9\xa5l\xde\xcc\x9d6?\x92\xa8<<\xbd"\x0c\xb7YV\xbeD!
\x12X8\xddC0\xcc\xed\xf6\x84\x86\xfe6(\xcaQ\xff\x06\x03f\xc3\x84\xc5q
\x84\xe4\x14\x96KH\x91\x89-
\x3\x83\x11\xdf\x13\xac\xb6\xa0\xe2\xe9\xa0\xd4\xb7*Q\x13\xe6\xf4\xd4\LYp
\xfe\\xc2hE\x9d\x08\xcc\x9e\xf2\x14\x8e\xc66
\ag{x85}\xdb\x86\x17d\xe3\x0c\xdcS\t)DP\x19N\nmn\%\xcd+
\xec8\x80\xdf{g\x80F\xad\xc4\x8e\xb2\xe6\x12\x8eWi\xa3\x87Z|\xe4V\xb4I%
\c2y\xc6L\%<\xf7\r3\xd3\xfa\n_vM\x0f\xcd\x18\xc8
\xa0e<U\xf3;\xef\xf4\xe9@\xdc\xd7\xb1v\xa2\xfcg\x10\xb8\xb4\xaf\xa5\x82\xc0
4#\x83\x03\x0flCa\xab\x08mp\xea\xe6\x9c\x10\x01\x15\xc7\xe90\x1e\x0c\x0c\x
f0\xe93\xa6\xc6\x8a\x17\x1cO1\x92\xc3\'S\xcf\xcb\xec\xa9\x0c\x92\xd1\xa9\xc
5r?\xfa\x04\xec\xc8F~\x96\x04\x10\xa5\xcc`\x1c\x0bJQ\x98\x82n(nf-
\x0f\xbc\xd2D\xeb\xea6\xeea\xbd\x0e`?{]
x8b\xf4\xfb\x9a2G''\xed\x83\xf2\x0fM\x98\xba\xe7Z\xf9\x91\xe4t\x9frc~\xad\x
ecR\x02</\x87\xa6\xec\DW\xf0+\xc6"\x81\xa5\xdd\xcf\xe9/Y\x15b\xf4\x9f,
\x8f\x92\x07\x1c8\xaf\x90\x8b\xcf\xcf_\x9d\xbd\x9d\x00J\xbc\xder\x02\xdf\x92
\x 0.5K\#K8d\xc9!v\xda\xc20\xf4\xac\{\x0.19X\n\xf7\x89A\x0.5\xff\|\xad\x9brW-
\x12\xdd\x88g\x95\xac\x12\xb5\xc4\x90\xa2^\xc4\xac\xaa\xcd\x87B\x04\x16T\x
f20HSJ\xfe]>\x05e\x0eE\xc1r\xe94I\xe0\xb4`a\xd3Y\x8f%Y\xb3$@]B\xaf#\x9f\
xfae\x0:\xd6\x820\xa7\xf1\xb60.
x83&\xba\xfef\xd9)EM\xc1)\x06\x99\xb4\xe4\xaaJ\xe1pC\xf6?
\xe6\xbd\xcf\xe4\x9a\xb4\xa8Q\x0eTE\xc6\x84\xb00E\x92\x19\xfc\xd1nQ\x9e\x
88\x94\x19\x1b\rC\xd6\x15\x91\xa3\xafh\xfb\x11)P\x82z\xdda\x1e\xba\x8b\x12\x
e6\x0c\x15\xc1\x7f\x9f\x88\x11\xb1\xd4o_\x92I\x06b\x1a\xa5)8\xb2\x94B\x98^\
x89\x81R\x94\x01n/%\xcdZ:\xa8sj+\xc3\xf0\x81{I\x14\xd9<=,\xc0\xff|
h6\xc8\xba\xab\xf3\xabo\x05\x90\x10\xfd\x8c\xe1"e\xd12\x8f\n\x0cr\x97\xf7w!
\xb1h\x8cbPU\xff;\%\x94F\xbb\x05\xa0\xef\x97\x1d+[\x95=\xd5H\xd7+y?]
X:Z(\xc5\xa4\xc1o\xfb1\xd3\x05\xc7\r\xd5\x9f\xf7v\&g)
\x88\xa8+q\x03\xd4P\xd0\xd9I"\xd6<`\x8b\x1f\x03\xd0\x1a 4\x7f!
xU\xd7#7\x94\xd7A\t\x07\xbe'\xe8\xcf\xcb?r\x86\xa8\xff-q\xe7\xf1\xffa\x15dm\
\z\x02\x94\xb2\x19\x16\xef\xd1\xafkaR@\xe9\@\xaci;
x9dp\xfb\x87*\x01\xce@\x02\n\xd3\t\x12?-[\xf4\rAo]
\xd5\xcd\x08\x85\xd5\xdd\x01C\x8a\x9f\xe1\xc2\xd2\xca\xd3\xae\x98\xed\xf55
b#\xe9:\xe6O\xbf\xbd\x15F\x83\xe48\xbf\x1e\xbb\x8c\x85\xb6J\xe2\xe2\x15\x8
0S\x18\x97b\x15pc
\x85\xe8\xce\xc6\xcb\x00g\rk\x91\xf3\x85\xd6>\xad\x83\x92\xf8\xc2t\xe0\xe4L
\x1f\x9fg\xa3\x1f\xba\xabx\xf1\x06\x14\x9b\xc5\xed\xc9\x82q\x05\xd7\xd5ihL\x
82\xcf?\xfa\x1cN\xf1q\x93\xb4\xf8\x98\x18<!
W\xeaH6g\xa4;\x95a\xd8\xe9\x88Gb\x1b[Ee\x8bV\x04Q\x8e\xab)
\x0e\x96\x89i\xbbV\x04a\x05(\x10c\xef\x1d\x0e\xb92\xc5\xe3N\x0c\x96\xbc!
>\r]4\x13q\xb2\xdc\xe6\xe2\xe4\x99\x1eRG\xd3\x00\x92\xc1\xc9/\xee\xc7\x080
```

\th\x073\xb7\x97QN& !o\x85\x86\xe3g\xb1\x7f\xe1\xc6\xe4\x96c\x9a\xa0|

 $\xf2<\x91\xb7\x1d\xbd:!$

 $\label{eq:condition} $$ \x04,*\x98Z\x88\x98\x8aH\x9a\x8c\xc7\nw\x05\xad\x1f\x0b\xfa<RP\xb7N\x8f\xcd.$

 $\aggreent \aggreent \agg$

r\xba\xf3\x94\x95d\xdd\xdfL\xeb\x9cX\xb0\xe80\xdf\xff}

 $8\xa5\x8c\x9d1\xb1\xe9\xfdm^\xca\xb3R\x88\xfa\xbc\xa9\x7f\xfb\x86)\x0e \\ 2V\xc7@O\xaf\&\xc7\x99\xeb\xddz\\$HJ\x9b\x8en\xfbT\xec\xfc\x81F\xf00\xfa\x88 \\ a\x94\xe9\x00\xcd_\x10\x82\xab\xde\xe0\xae\x90\x87h\x91s\'\xf3kz''\xcc\xe7\x895\xb5\x90!$

 $bR\{Sam\xe4\x80\x7fJ\xef\x93\xb80\xc8\xd0\xf3\xaa\xef\xf3\xfe\x0b\''\xf8p\xf5\xd3\x07W\x0f:oMw\xdc\x06L\x8fX\x89\xd5e\xf9\}$

 $2z\xd7i\x88\x03\xdbh\x93\xa0r\xa1\n\x91\xc3J1Yn\xf3mZTy\xb0=\xcc\$

```
bY\x8f\n\t\xd4\xa3\x0cB\x89\xba\x17\x8a\xc2\x03\xeaq7\xcf\x80?
\xe4\t\xa0\xd3-+\#I\x9b\x8e*r\xcb\xeb
ff(x14)x8b(xd4nY*)xfey(xeb)xf5(xf5)xe8R(xc8)xa9^(xbd)x83(x7f)
\x98\x85\x887^<$fpkk\x1b\x06c\xe2\x00\x06z\'\xf7\x9b\xee*\x10\x0e\xb7\t\x0
c\xb6\xc5rb\x13\8\xb8\x9d\xc2\x91\x14\xca+
\xe1\x89\x01`@\xc9"qd\x82(\xce\x11\xe9\xe9\xc3T\x83\x96\xea\xc0\xf9\x0f\x1
7\x85\xf7\xe6\xac*\xab\xcd\xa6\x9f\tR\xab\x01\xab\xf5T\xe9\xaa\xda\%Wb
\xcaa-\x93\xa1k\xaa\xba1\xdf*\xf2\x06\x867\xc6\xed\x9f!
\xspace \xsp
9bv5\xc6\xe6\xf5\xob\xe2\xa3mMW\xc7\x99.R\xbe\xeb\xf5h\xf4q""d\xf1\xa
8\xba\x87n\tZB\xbb@\x05
<c\x9f\xe7aG\xfa\x98\x81\xc0V\x13\x93#\x17*\xe7\x01]\x89\x86\t\xf5*\xbc\x91
w\x8d\xba\xc6i\t7\x0f\x99hk\x1b7\x05\xcd\xd0\xa7\xd2\x8e
\xeb\xe3\xbb\x1e\x91PS\x9b\xa6\xaf\xda\x0b\xc4\xe8P\x80h=\x96\xb5\x11\x17\
x8d
\xe4\x92\xe5\x0f<\x9f\xa2\xae\xc0j\xab\xfd\xd6\xb3\x8f*\xbf\x950\x9eg\
xb30\x0e\x87\xd2\xd6T\xb0\x01\xff
\column{1}{c} 
E\xb7w\rzO\x1f\xbd\xe8\x8e\xa1\xda\x1d/v\x12\x01\x83\xb1\x15\xf1\
\frac{6A \x04\x0e\x0e\x19\xf8\xbe\x9ei\xb5\xfa\x1f\xe5M\xc2\xabx!}{}
\x82\xd91n\x92z\xda\xa0\x8eF\xa2\xeb\xd1\xbbR\xc8\xb3E`\xba\xf1\x88:\xe7\x1
7\x1c\x19\xf8\xe5f-\xe4\xf9X\xe7\x87\xf6\x05
=O(xdc)x84#(x7f4)x1bKM(x15)xb8(xd9)xbc '$
\xc1\x95\x80\xbeY\xdd\xa4q\xf3\xdb\xe1\x0c\n~\xc3\xd4_W\xbf\x92d\xaev,~\xc3\xd4_W\xbf\x92d\xaev,~\xc3\xd4_W\xbf\x92d\xaev,~\xc3\xd4_W\xbf\x92d\xaev,~\xc3\xd4_W\xbf\x92d\xaev,~\xc3\xd4_W\xbf\x92d\xaev,~\xc3\xd4_W\xbf\x92d\xaev,~\xc3\xd4_W\xbf\x92d\xaev,~\xc3\xd4_W\xbf\x92d\xaev,~\xc3\xbf\xaev,~\xbf\x92d\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xaev,~\xbf\xa
8\xa2\x99\xd3\x9e>\xf8\x1e\xda\xc5\x07(\xe7\x11 -.\x0c\x97^\xd5\x0c\r";
x18x9e;Axd1x10}x94x1a<xbdoxc9xa6xb2xf1,xefx12xd5x9dx8bxc93x
x16B\x94o\x1aO\xcdtK(2\xb8\xc2r\xee\xb0\xo1\x881\xcfA\xb5\xfe\x97M0.
\x0c\r\xa0\x19\xa3_\xf9\xc3\xfc\xd8\xea5\x8f\xe0(\x84oz:\\
\xb6\x11d2\xf1U\x94\xbe\xdd\x89\xadO\x7f\x8cm\xef\x89i\xbb\xc9\xd9!
2\xf3\xfc\xe6\x85Hn\x1b\xb6eV\xe9k\xdb\x07\xbe\xb5\xe3<\t0\x15\xfb1\
\xfb1\xfb\xa1=\x9a:
an\x10\xf8 \xdc\xde\xb2z@\x8a\xd3\'2B\x06\xb7G\x9bb\xd0m\xc3
```

\x02\x8eX@\x815\xa64\x127\xbb\xb11\xa9Lc\xe0\xe6<\x18\x1cM\xa6]\x1d\n1\x9

@\x19s\xa8\x14\x9c\x91\xceV\xe5r\xc0\xb5e\xbb\x17\x8b\xc3\xe0\xe1\xea5\x01 `\x19\xb6\xce\xd3e\x1a+

\x0e\xb6Z\xed\xa9\xa4m\xd4Tj;7\x1f\x9f\x87\x98\x84\x1e\x0b\x10B\x16\xdd\$ $c7\xd3N\xa1\x9f9\x8d\xcb\xd7a$.

\xdc\x93\xab\x86\xdbl\x01\xec\xcc\x83}\'\xc9IP\x9a\nU\xcd\x1a\x90j_\xbe<\$ \xd9\x8a\xd4\xecq\xc8v\xe4\x02\xe3i\xc5\xc0mkG\x7f\x86\$04\x14\x92\x8a\x0 $3\xbf4\x10\xcf\xae\xe6\x81\xd6\xbf\xa5\x8aF\xcb\xbfX\x87\xd2\xbb\xfb\xac\x9$ 0\xb8=!\x1c\x8c\xbcd\xf2v\xea\x96\xbb\xb2%\xb1zR\xc5%

x94P7xa2xfax1fxJ

ba:

```
x0bx14x92x0cxcexc3x8ex08nIJx0cx9axccZ6x03xd2xcfxebxb3xd3xd3xd2xcfxebxb3xd3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd3xd2xcfxebxb3xd2xcfxebxb3xd3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd2xcfxebxb3xd
xc4\x08\xf0\x9b\x0bU\xc0D\x7fS\xbd\x12\xe3\xf8\xbd\xc2\x83\xd2\x84\x1b\x9
3\x80o\xf5\'\x9a\x87s\x8aq#\x1d\xc2\xce-
\xf9zL\xee\xbd\x8c\x08ec\xfa^Lps\x8a\x00\x0c\xfbq\xc0\x84A
\xb1\x05jP\xdf\xc7\xbcA0\x1aO\xf1\xcd\xb8\r\x0c\xdb\xe64;4@
\x8a\xd7\x8e\xc9\xb4[\xc6\xcf\x95\x83>\x93\x8d\xf0G\xd9\xc4\x05s\x9b\x14-
 `\xe0j\x91\xa7\xed*\xd2M,\xf1}\x1f\xdc/
\x15\xb8\xa1\xb1x''\xfe,Y\xf8\x89\xd1q\xeb\x12\x13\xd3C\xb5\xa1\x03H\xd1\xc1\
xd8\xca6\x8cH\x1f.
\x1c\xc7\xdf\xb0\xe1\xc8a\xee\xb5\x83c\x95\xef\xdf_\xa6\xc6\xb5\x9e\xe1\x06\
xb5\xa2p-\xbe[B\x1d\xf9\xec\x95\x0faP\x94\x1a\x10\xf0\x98\x1f\x1d\}
6\xff\x16t\xac\x9e\x04\xf7\xefi\x02;\xdf\x1c\xba\x10\xa5\xb1t\x06\xd05\r\xa0\xb
4\xc4\xa4\x99\x889v\xbe2\x1b\x12\x92\x8d[3:j\x18\xf1\'pd9\xd9\x83l\xe5\x8d\
\F\xc7\xf7\xbb\xd6\x0eEV\xa1\x95I\xf2T2\x13c\x87>c\xe4\x9e\xc8\xa1\x15I
M\xb9\xd6\x89\xd8\xcc\xdbun\x1f\xb6M\xe2Q\x90\xde\xee\xce\x19\xdap\xa3\x
13D\x9c\xa3\xde\x13\x9cj\x19;\xd4)\xb6\xae\xfd\x93\xd9Z\xf5W\x98*\xa0\xa6\
x13\xef\xe4\xe8\xd3\xdd\xc7\xf7\t#\xe5\xe8\xd3\xc2\xa5\xba\r\x
a8T\xedG\xe52\x03z\x87\x02\xfd:E9?2\xb0\xb3{\xa0\xeeq!
z&D\x96\x86\xed\xc6\t\xc7\xe5\xd2\xb0\xd4\xdc\xa6\x9c\x04\x9e*\x81N\x1c\xc
2\xc8;5X\xfb\xc3\x13\xf9\xd7\x0e6X\xa1\x86\x02\xec,
x94\x95\xc2\xef\xfe\xabd\xa2\x01\xd8t\xf5\xd4\x00\
x97\xd5\x7f\xdb\x17\x88\xe5c0\x04\xaat\b1\xf0\xb8d\x00\xa5h\x7f=\xc0@\xd
0\x96\x10\xa7\\x0eV\xb1\xc0\xa8\xd7!
\x00R\x09\xb8\xec\xd4I{\x14\x0bVq\xb0VN\xdc2zy\xca\xec\x9bsiW2\xba<\xd2}
\xfe{IsG\xa3v/y\xb7|D\x88<\x83\n\xac\xcc\x83\x91B]}
\xe3\xef\x96\xdbg\xac@=\x98\xe5\xa6\xd4YRj\x19\xb6\xd3\xae\xc9\xd8\x96\xd
d(x99)xf7(x02)x92:5v(xd4)x0f(xbc)x05D(xd4p)xf1(x0e)x02W(x99)xf7(x02)x92:5v(xd4)x0f(xbc)x05D(xd4p)xf1(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x99)xf7(x0e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x02W(x9e)x0
\x07K\x8f"h1\xd1\x92[\r\xcf\xa4\xf5]\x16n\x96m\x8fD\xba\xc0\xfe~\xab\xb5-
\xa2\xaa\x0c\xe3=\xa8La\x99\x06K\xc3efr\xc2:\x0c\xa4\x9c/
\xspace{1mm} \xs
x16\xc7h'\xc4;Ms\xc1\xdf\x90BR\x1eBL\xd2\xb9\x01m\x81\x95~\xc1\xb3
\x8f\xca3(\xe5\xaf\xc2G\xfe0\xa5\xe9\xce\x87\xb4\xacm\x97\x97\xf4^\xcd\x84\
x86\x00\x07\\\xe0\xb2\xa40\xe4\xabg\xbf\xe7\x13\xf4\x9fo\x02\xd6\x930\}
L\x0eg\x8brJ\xd9p\x18\x85x \xda\xcf!
\xe8\x93|Soh\xa2\xfd\x17\xac\x05\x80\x95\xf8\xe5\x9e\xa9\xc8\x88\x03F\xc9\
x0c\xf8 \xbe\x05\x872\xf0\xbf;
\xf8\xc2\xf4\x8c\x15\x85\x83Zm\x18\x9bf\x087\xb3\x1b\xd7\xc5\xdf<j\x8fS~v\x
Oes[9\x89\xc7\x1e\xca\xba\x10\x06\xf9\x05wP\x02\x82\x9e\x87J\xb8\xfb\x05.T
\xfe\x10TB*\sim\x1at\xbf\xf3\x85\x80\&\xe7\xe1\x14\xd5H\x9b\xe8f\xed\xda\n\xae!
\xf1\xa8\x93\x8a\xab\xbeT\x9f\x9d\r\xabC8\x90^%B\x90\xb2\x02\xc6\xcc\x92\
xf8@\xa5\xb3\x9cs>RLY\xe9\x8d\xb4\xcd\xaaT\xab\\
\xa4\xd5\x9bGo\xec\x85\x98\xaa\xb8\xa5\xa1\xa3\xc6\xc2\xcf\xb2\xe1\x06\x80i
```

O(xe3)xa4)x9cL-Z(x948)x92)x94)xe1)x00)xdc(xa3)x15)xc4P(xf6)t(x7f)

\xdb\x90\xbe\x8ep\xc2\xb5\x0b\xb2{\x8d\xd41(?vAWC\xdb&\$

```
\xd3=\xf6\xb6\xe0\x87\xf9\x05q\xdc\xe3% `4\x93J\x1f\x9b\xd8\x86+:
\x97\xbel\x1c\xd0\x9f\x14\x18\x1b\x94\xda\xb5<\x98\x87\xcb\x85A,
x05z\xcdb\xab>x80\xc2Y\xad\xbf\x9d-
6\x92\xa5\x94\x0e\xb7\xe8\xd9\xc2)
\x1d\xfa\xf6\x03>\x1d\x8c\x14\xb5\xaf\x91\xf2g\xa7\x11lo\xd28\x8ej\xc7\x03\x1
5\xb6:\x9a\xf3\x98\xb5\xd3\x1bJx\x9f\x9dTT\xd7\x80\xcb\xc0\xdc\xef\xde\r;
x1f-\x83c\xe6O|\xfcT\n\xd6\x17i\xf5H\x8a\xfaPcX\x08y\xaf\xb3\xc0
4}\xe1\x1bu8I\x81bz\x9a\xf2)\xfeH\x9f\xc31\x90H%_^!
E\xd5\xbe\xb1b\x8c+b\xfd\x04\xee\x99\x84\xe6\xba\xe9\x8c\xb0\xc2\xd0\xeb\
xb1OK\xa7M;
\xd6\x12\x17\xe1i\xfd\x1a\xc7b\xc2\xcf\xdcW\xfc\xb4\xaa\xb4P\xb4\xe7\xcc\x14\
xd6~3[\xc5\x07v\xcb]\x17\x13' \%\xe8\xd5w
\xe4\x84\x13\xad\xc0\n<E\xd6f\x0fY\xc5\x816\x8d\x8be\xbb\xfb\x100\x8dt05\
x8eED\xb4\r\xeaO\xca\x86\xc4S\xcf\xc5\xa1\x01\xbbH\xc3\x8f\xf300C^\x01\xff
$\xabzC\xa7h1\x88\x8f\xff\x06?\xff\xac\nendstream\rendobj\r59 0 obj\r<</
BaseFont/Times-Roman/Encoding/WinAnsiEncoding/Name/F01/Subtype/Type1/
Type/Font>>\rendobj\r60 0 obj\r<</Font<</F01 68 0 R>>/ProcSet[/PDF /Text /
ImageB /ImageC /ImageI]/XObject<</XIPLAYER0 63 0 R/XIPLAYER_CM1 64 0 R/</pre>
XIPLAYER_CM2 65 0 R/XIPLAYER_CM3 66 0 R/XIPLAYER_CM4 67 0
R>>>\rendobj\r61 0 obj\r<</Contents 62 0 R/MediaBox[0 0 842 596]/Parent 2
0 R/Resources 60 0 R/Rotate 270/Type/Page>>\rendobj\r62 0 obj\r<</Filter/
FlateDecode/Length 1202>>\rstream\nx\x9c}
+A\xda\x1a(d\x8b\xa6\xd4ZTKI\t\x90\xaf\xef\xcc\xec\xaeH\x91\xda\n\xb0@Sgg\
xce\x9c\xb9\xec\x14EQ\xfc;+\xf8S\x1a#JI\x9fB\n9z\xb0U%
\xa49\x7fw\xad\xd3\xab\xa7m\xb4q\xf3\xe9\xed\xfb\xbb\xd7\xbf\xdd\xfe*\x8b7;
\sim xf7\x0b\x7f'\x1fR@eT\xd1\xc4\x7f\x9d\x07\x01&\xe7R\x0b`>E\x05B9~\xd2^\xe7R\x0b
\x) xbc\xcb\xf8\xa5\x1f-{.\xc0\x1ba\x03\x0e\xa0Jo/:\xd6y\x9d\%\x9c\x1cc\xf2\.}
\xb3U\x12\xd4\x94JT\x91@i\x84\xff\x1f\xaf\xa6\xf7:\xfbn1\xd3\xc5\xa2\x9b\xdd
\xfc U\xa1\x8a\xc5\xf3\x0cJQ\x15\xd7R\xa8\x82\xfe\x94\x17%
x06\xe7\xf0\x9dUV\xd8b\xb1-
\xbe\xf9\xe3U\xb1\xf8k\xa6\xa4\xf0\x04d6D\xa4P\xf8\xaaD\)
x80q_v\bd|>0\xbcD\xd09\xdaZ|"\xb4b\xf4\xa6Mf\xcd\x08\xe8I4+
\x19xw\\}
\xd94\xfb\xc7c\xd7\xa4\x13p~\xc2Q\xc2\xf1\x84\x17\x9aO\xdc\xaf\x97]\xcd\xd8
*\x047\x80\x96%FE\xd0\xc0\xf9~\xf9\x92\x90\xf6\x1c\xe9e\x85L{\xe4\xb2]]6\
t\xd6\xa12Vz\xfc\x81\x80V\x80V\x0c\xb5\xc8\xe7\x04\xc5|
a\xaa4\x85&\x93\x06\x0f\x00>\xc54r\x0f\xd8G~\x00%\xab\x90\xb0z\x1c?
x90\xb42Q\x7f\xec\x9e\xd6\xcb}
\n\xac\x1c\x07\x06\x14\x18\xa2\x83\xe5\xd7MW\xd7\xdb\xba=D\xb8\x9c\x8a\xa
b\x0bS\xb9\x18\xde\xe7\xdd\xf6\xb2\x87\%
\t\x0ct\x0cD\xfd\xb0\x90@\x82\x0e\xb4\xd5$\xd1\
```

\xeci\xf9\x81\xd3\xa9\xa9b\x029zK\x98\x00bJe\xaa:

```
x97W\xd7\xd7\x8cwc2\x86F
```

 $\xc3mTZ\xcadY\x8dxs\xd1\x134\xd4\x9b\x8a\xc8IET\x9a\xe8\xaa\x94\xe77\x9b: $$\x05\xa6\xc7\x81\xb1\x12\dS?$

 $\xfd\xb4\xeeE\x19eQWU<\xa1\#\xf36\xd9\x1e\x89aT\x85V\xcd\xa9[?\xd6]\xd2\x9c\%$

 $Z_{x}\xb7\x1d\xf7\x01\x12\xf3\xa3\y6m.l\x013\x80\xe6\x9b\xcb+$

 $\x12\x8e\x90\xf1fDF\xb4\xb8\x02d\xf4f\xcb\xba2\xc3\xfa\xab;$

\x1c\x0b"3\x15\xf0\x80\xc6}

 $[G\backslash xd5\backslash xdf\backslash xd1\backslash x89\backslash x96\backslash x06\backslash xebU\&O\backslash xcaPE\backslash xd1\backslash tw>Y\backslash xe4q\backslash x99\backslash x8f\backslash xb6\backslash x03\backslash x92\backslash xf6\backslash xb2jp\backslash xad\backslash xeb^BU\backslash x005\backslash x0exj_pe\backslash xac\backslash xd6\backslash xf9]$

 $\color= \color= \col$

 $\label{thm:linear} $$ \operatorname{l}(x)^{\x07}\cdot x^{0}K\xd8\x9fh\xa4\x02\xaf{q\x7f\xb219p\x8e\xd4\x8a\xda\x9c\x9} 0A\x11qZ\x14\xe4\x08\x08\xd4m\ \\xc5\xda\xc4@\x89\xa8\xb3\x19&\x86\xae\x16\x60\xc0\xc0\xc0\xc12\xbc16\xc0\xc0\xc0\xc12\xbc2\xc6\xc2\xc1f\xc5\xa1uj\xb3\x9b\xcc<5\xb8F*\x16\#T\xdeO\xbb\xb6[\xae2\xc3\x8cz\xc708hv\xb7<\x1e\xf0z\tx851\xbb]$

\xcc\xfe\x03\x8a\xf7\x03\x14\nendstream\rendobj\r63 0 obj\r<</

BitsPerComponent 8/ColorSpace/DeviceGray/DecodeParms<<>>/Filter/

DCTDecode/Height 1248/Length 27836/Subtype/Image/Type/XObject/Width 1760>>\rstream\n\xff\xd8\xff\xdb\x00C\x00\x08\x16\x18\x1c\x18\x14\x1c\x1a\x1c\"

 $0P40,,0bFJ:Ptfzxrfpn\x80\x90\xb8\x9c\x80\x88\xae\x8anp\xa0\xda\xa2\xae\xbe\xc4\xce\xd0\xce\$

 $1A\x06\x13Qa\x07\q\x142\x81\x91\x08\#B\xb1\xc1\x15R\xd1\xf0$3br\x82\t\n\x16\x17\x18\x19\x1a\%\&'()*456789:CDEFGHIJSTUVWXYZcdefghijstuvwxyz\x83$

8a*>s\xc5IE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\ 4QE\x1
QE\x14 E\x14Q x14QE\ 4QE\x1
QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14 $E \times 14QE \times 14Q$
x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14 E\x14Q

x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\ 4QE\x1 QE\x14

E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q
x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14
QE\x14 E\x14Q x14QE\ 4QE\x1
QE\x14 E\x14Q x14QE\ 4QE\x1
QE\x14 E\x14Q x14QE\ 4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14
E\x14Q x14QE\ 4QE\x1 QE\x14
E\x14Q x14QE\ 4QE\x1

\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x 14QE\x 4QE\x1 QE\x14 E\x14Q
x14QE\ 4QE\x1 QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 E\x14Q x14QE\
4QE\x1 QE\x14 $E \times 14QE \times 14Q$ x14QE\ 4QE\x1
QE\x14 E\x14Q x14QE\ 4QE\x1
QE\x14 E\x14Q x14QE\ 4QE\x1
QE\x14 E\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x15\x1b0Q\x96 x0fSJ(xac)x18(x02)xa4(x10(x8a)

 $\label{thm:linear_control_co$

 $Et \times 10 \times 7 \times 65 \times 3f', z \times 9a \times 6fE \times 14QE \times 14$

\x14QE\x14QE\x15\x93\$

 $\label{thm:condition} $$ \xd8m\x91\r\xf2zv\x1fZ\xc6\xda\xca\xfbA\xdfp\xdd[\xb2\x8a\xde\x82\x15\x85p9 c\xd5\xbdkF\x8a(\xa2\x8a($

 $\xfe\x15i\x10"\xe1G\xff\x00^\xa7\xaa\xa3\xe6;GA\xd7\xfc*\xcd\]$

 $\label{thm:label$

\xc6\xae\xd1P1\xcf\xca:

 $\xb5\xa6\x1ex\x15\x9e\xb1\xa8a\x80\x02\xafOs\xebZuVI\x16$ \$

 $\xdc\xdf\x80\x1d\xcda[\x89\x9ew\x92\]$

\xa8\x03\x01k\xa7\xa2\x8a\x89\x98"\x96c\x80+

(+O\xcb\x82\xb1\xf6^\xe7\xebD\xd3\x08\x8a\xc5\x1a\x86\x90\xf4Q\xda\xacC\x 16\xcc\xb3\x1d\xd27\xdej\xd2\x8a(\xa2

5\x9b,

9\xfe\x15\xfe\xe8\xf5\xfa\xd6\xe0\x01F\x05>\x8a\xa9\$\x821\xcf\$

 $\xf4\x03\xbd@\xb1\x96;\xa5\xc1\#\xa2\xf6\x15\x96\xf7\&G1[\r\xcd\xdd\xcf\xddZ\xd1\x82\x05\x8b\;$

 $\x0018\x02\xb1\x17\xf7\xa7\xcd\x90b5\xe5A\xfef\xa7\xb7\%$

 $\xd4\xc8z\xb1\xe3\xe9Z\xd4V{\xb9$\xa4}$

 $\label{thm:linear} $$ \xb7\xafaU\xfeKt2J\xfc\xf7cYy\x96\xef\xa6b\x87\xff\x00\x1ej\xe9\#\x8dc@\xa8\xa1Tv\xab\x14QE$

 $\label{thm:continuous} $$ \frac{x_14QE}x_14QE}x_14QE\\$

 $G(x9b\&\xf3\xf7W\xee\xfb\xfb\xd6\x97SN\xec\xc6_9\xb0\x7f\xd5\x83\xff\x00)\x$ $1am\xc3|$

\xb8o2A\xd0v_\xa5t4QE\x1

L\x9d>\xe7\xf3\xab\x80\x000\x06\x00\xa7QER?

 $\xspace{1} \xspace{1} \xspace{1$

 $x14QE \times 14QE \times 14QE$

\xce\xaaG\xfb\xe7\xf3O\xdd\x1c \xfe\xb5\xb9P;

\x04B\xc7\xb5C\x1a\xecB[\xef\x1eMe\\\xdcy(03+\xf0\xabT \x84C\xbai>y\xc8\$ \x9fOj\xd6\xb5\x84\xc4\xae_\x1b\xdd\x8b\x1cV\xddWg\xc1\xc0\x19oJ\xaa\xb0\x a6C4h_\xd7h\xe2\xb4\xa8\xa2\x8a(\xa

\xdc~\xefa\xeb\xefW\xa8\xa2\x8a\xab#\xec\\

 $\begin{tabular}{ll} $$ \x0c\x9a\xa3\xb8\xc8>N\x07\xf7\x8f\xf4\xab*\xa1G\x1f\x89\xf5\xa9\xa2\x8a(\xa$

 $x7fx9d\\@ea#\\x0fx97\\xf8A\\xfeu,$

\xf2\xf9Q\x96\xeaO\n=M\x10\xc7\xe5\xa7<\xb9\xe5\x8f\xa9\xa6K: \xc6B\xe0\xb3\x1e\x8a:

 $\label{thm:linear} $$ \x0^x85^x1d\x87^xbf\xa5tb2\xdc\xcas\xe8\xa3\xa0\xad\x1a(\xa2\x8a(\xa2$

 $\label{thm:label} $$ \frac{1}{x^1} \times \frac{1}{x^2} \times \frac{1}{x^$

 $\label{thm:linear_continuous_co$

 $\begin{tabular}{l} $$ \x89\x94\x85\x87P; V\x87\x0a&gX\xfc\x94\x89\x9b8\x0e\xd9\''\xf2\xad\xa1\x1b\x11\xfb\xc7, \x07\x02\xb41\x8aZ\(\xa2\x8a(\xa2$

E\x14Q

\x8fBEw\xb4QE\x14Q

FX\x02\x01<\x9e\x94\xfa(\xa5\xa2\x8a(\x

```
xa2\x8a(\xa2\x8a(\xa2\x8aAM\xe7&\x9fE\x14QIKE\x14\xd3L\x1djZ(\xa2\x8a(\xa2
xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\x
\xd4RR\xd33\xc8\x1c\xf30\xa2\x8a(\xa4\xa5\xa2\x8a))h\xa2\x8a(\xa2\x8a(\xa2\x8a))
xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa4\xcd-\x14QE%%:
2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x9a@=GJ@x\xf4\xa7\xd1IKE\x14QM\xa8\
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4QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x14QE\x1
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QE\x14 E\x14Q

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a2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa2\x8a(\xa
```

2801 > | rstream | n | x00 |

 $\label{thm:linear} $$ \x85_{xacR}\xc3\xcd\x14zd\x0b\xfe\xfc\xc43\n+=\x1a\xccG^*[\xf3o\xael\xcc\x82\xf2\x0b\xxb4\xb4\x85\x05\x8e\x06^\x8c\x8f\xf6X\xdb\xd5)\xaa\x05''\x83g 7\xfa\xce\n\xf1\x87w6_\x8a>r\x9b\xa6\xdf\x1f=\xea\x1e?L\xea\xb9\x9c\x9f? $$ \x1d\xsxf7\s$

\xa5>\xca\xd5FY\xb90(\x05YJv\x1a\x12\xe8\x9a\x91R\$\xdf\xb8\x19?.+

\xa8\xa9\xe3AZK\xff}\x04V\xcd3\xc63dv\x8c+

 $\x0b\n\xd9\x8b\x12\x9a\xdfz{\x9a\xbf\xb1\xf6?fd\xe3n"}$

 $\label{thm:c2Qxd9ax1fx13Ox8bx8dxfd1Oxdfx01xcax86xc0x9dA3lx82x8exaf#\\xbcX\\x85\\xbd\\xb4\\xb5\\xd5y\\xc3\\xb9O\\xe7\\x10\\x18\\x1f\\x7fx17\\xe0\\x8e6WJvZ\\x1f\\xbc5J\\xf4\\xeb\\xa3\\xf2\\x0b\\xad\\x87\\xafy\\xbd\\xfdF\\xd8\\xc8\\xe6t\\x14k#[\\xe6\\xe6d\\xda\\xe2\\xdf\\xcd\\x9e\\x98\\xfe\\x97.\\xf3J4\\n\\x81\\x87\\xd7)b\\xd7a\\xfeKo\\txe6!$

\x01\x9a\x95\x90\xae\xb5\x89\xb5;O\xfd\xedy\x8e\xd8_J\\

 $X\xf9S\x04\xdfo>\xa0\xce\xf4\xdal\x88\x86\xec\xa5dh\%\x81\x9c}$

 $@K\xa4MS\xf9\x9f4\x8a^\xa1S\x11\x17\x0f5\x16\xcd\xbb\xffr\xb0=e,$

\xa6/\x07Q\xa8\xbfL\xffz\x11\xb3K\xcb\xc4\xddL\xdfF\xde\x0b;

 $\xf3\x06\xa0N\xd0\x94\xb9\x15\xf8f\xa7\xb9\x0b8\x8e\x07\x8cVS\xd1\x81\x99\xda)4\xca\xaaK\%a\t\xff\x05\xf7\x8f\x81N\xe0<\x11\r\xf9\x82\x1d\xb1\xfe0$

 $\xc8q\x12\xff 4\xbc\xdc7\xf2W\x1d#F\%\x16\xfdt\xa0\x90\xcdi)$

 $\x1cd\x7f\x0e\x9c\x9c\xf3\x1b\a\x8d=\x9a\xd8\x8dSeG\xc8\x7f\xfd?$

 $\xb4\xa5\x00\xf0=\xfeX\xec\xa5\x93\xff~\xda\x04\xee'\xc6W\xd0\xb8\xd9@\}$

 $\x7f^{xc1}_xfa\\xd5\\x08$6\\x82\\x8a\\xd7\\xd5\\x06\\x19\\xbb\\xeb*\\x1f\\xa9(k)'[\#\\xe0]$

 $\x = \frac{xa8}{xd2} = \frac{xo0}{xc3} = \frac{xe70}{xed} = \frac$

x8ex8fx16x9aEIxedKxc5xe2Bx8cxd4Mxaa

 $\a6\xd2\xcf\x8b\xb6v\xa6\xfcW\xf3\xa7\xca''\x89t\x05\xad,+$

\xfc\xaay\xb4\xf8\x17\x94[\xb8\x02e\xe7\xac\x82\x08\xf6\'\xe6\x19\xa5\x94\x9

 $4_x\\xc0\\IWD\\xcfY\\xb54\\x96\\j\\xc0\\xa1\\x13\\xc6\\x83,x\\xb7\\xf0>9\\xbf9Z1\\xb9\\xf7(\column{t}{x})$

xb5\xe2\xee\$\x12-;\x8e\x85\xd4*\x1e\x89\xed\xb7\x94\xb3\xe9\

 $\O\xfa\xe2\xeaC\xaa\x1dK+\xf9\xc9\xc1?\x0e@\xde$

 $\xfd\xbb\xd4\x86\xa1\xf5tt\x18\x81hT\xd97s^\x8e\xf6g\xd5\xe9\xc2y\xf4\xf8\xbb\xf8\xcf3\xe7\xa9i\xc8\xb0=\x10n\xd9T\x00j\xd6\x82]\xcc26\x7fQ\n\xcf\x8a}$

 $9u\{\xee9n\xb71\xac\x91P\x17T\xb8\xb3\&h\xa5\x1f\xaei\x02_\x9e\xa0H\xad\xaa\xc6\xd3\x00S\xd6\x15\xbdB\x99\xaaG\xc5?$

 $\xf2\xad\xb4\xc6e\xc8\xb0b@7u{\xa6g\xa3\xb6l\x17/$

 $T\x91\x98\x00\xe4\x02\xfbS\xc1\x1e\xf6\x85\x1av\#\xc0{B\x14\xb4n<\xfb\x1c1U\xa6\xec\x1f\x14^\xa8\xd2\xed}.2"+$

 $\xb5\xfd\x8b\x05uG\xa0\xa0\x0b\xa5\%Gb\x81\x14\xf5\x97\xbe\x10\x02\x1d)$

 $\xe2\xe5\xe0\xd9\xb0K]\xca\xad)\x9aT\xbd\xb6\xe1n\x19\xbc8\x14\,$

 $x0c\n\xe1\=M\xe9\xde\xe2{\}$

 $\xc3\xa4]\xbb\x0f=t\x19\xcc\xa4(\x06\x1ex\x1b\xb0\x06\xea\xad\x0f\xdd\xe7\xcb\x04\%$

 $x05_7x0b3xfex0cxd4^vtxb4xdfx8bnx8cxf5lx03$

 $\label{thm:linear_condition} TceM@\x93G\xbeD(\xee\xd9\xda\xf6\xeaE\x8aRu\x1b\xc9\xf7]\x808\xe1\xe5{\xec\xda\xfc\xd9\xe4\xbe\x1aMj\'\xb2,\x9d\x982\x16P$n\xe9\x90\xc8\xe9\x00\xd6\xe9\xb1\x10\xd8\xc0\x17o\xb9\x8c\xaf\x0c\xe2\x0f-$

 $\#\xee\xaf<Y\x11Su\xa7M\x04\x99\xa7\'\x16\x8d''\xc59rw\xd4&\x96s\x0860\xd5 8\x14b\x15\x1e\xb55\x04\x9ao\xcb\x9e\x81\xa4\x81\xec\x7f\xfe\xc1K\$

 $bX\x08\x09\x8e\xe6;\xe4\sim\xd8\xd5\x80z\x05\x8a\x1b_\xb6\x9a\x99\xfc\x8d\xdfR)\xb1\xc5p\xf8QU\x9e5\xb7\xa1!zZ@\x91\xa1\x8cr-$

\xc9T\xf4g\xcd\xa2X\x97\x83\xc4\xc7:Hb\xed\x95\x97a\x11\xe3o/

 $\xc8\xb5\xaf\xa2\'''\xbb\x82\xc2XH\xa7\xd0\xafs\xcf~\x92AS\#ec\xf2\x1f\x19\x9cd\xca\xfc\xdd+$

```
\xb4\xf5\xce\xfar\xfe\xcbv\x1b\xa6Gr\xd0\x9cC\xd5m\x0f\xee,
x19\xb5w\xda\xa7z\x92S6\xfd\r-R
\x88K\x97H\x7f\xcb\xf2\xa7\nz3\x81\xfe\x08xn\x94OJ\x00\xa9\x91\xd6\xda<\x1
8\x8f\n\r\x92X<0\x11\xa3\xe6XV\x04\x8b\\
\x12\xb8\x0bUJd\xec\x90\xc7\xadv\xa3\x7f4\xb2bd{\xdcr\x85\xb2\xc5\x06\xfd\
xe2M\xfcud\xd2H\x86.\xffvi\x1d\xc3\xaa\xff\x1a\xeah\x19o\xee\'v\xcf\xd6\xbb\x
00T\xaa\x86O\t\xd9\xa0\x03}E R\xcb\x9a\xdcr\x8e\xdb\xe7\xd36\xae\\
x9d\xb1\xdb\xe4\x0f\xff\x9b\xd0\xb88\xfb4\n\xd4H\
\x1b\x1f\x01u3\xfdx\x14\x14\xeb\x02mK\xc3\x07\x87w3xL\xc8\x9f\xa6u\nd\xe9\
x9f\xa3\xb4|\xdbCc|\x95\xde\xf0\xe5\x0b\xe5k\xde\x93H\xdb\xd4\xd0!
\xaa\x1a\xd0V\xbf#\xd9\x81\xc8\xb47\xa1gu\xd4Apj\xdc%V\xcc\xdb/
\xe5\x0f\xeb\x1b\x0e\x0f[\x1d\x8e9\xce\xd6\xc5\x0c\xa4\x0e\x11\xed\X1\xff\x7f\
xff\x7f\xfa\xcf\xfc\x12\xc1\xf9\xe7x\xe2\x11dQH\xd8w\xf7?
\xf6\xa9w\xbeu%4\xc7F\xf3\xe2\x94\xb7\xa4S\xf5k\xab\xd8\xc9\xf0\xd7\xce\xc
a'Fa}\x31\x87\xe0\xfa\x1fw\x99\x1fu7\xaf\xc3\xaaJ\xacI\xd7\xeb
\xd0\xbb\x9e\xa3"G\x07\xca\xffx\xd1\xe1>\xbc\x97)-
\x91v`\xef\x14\x91\xc9\xb8\x08:\xf4\xaa\x06B9\xdc\xcfc\x8d\xd9\xf4\\x9fC\x99
K(xc73)W/(xa5m, xd9Z=(xa8)xc6I)xf7(xd9)x95E(x10)x18(x94)x18-
= \xcdF\x0f\#\xea\xcd\xcc\x8a\x8a\xd0*MO+\n\x14j\xa2f\xb3n\xa4\x91C\x08?
\xfd4p\xee\xeb\xc4\xee\x9d\xfa\xb0\xa6\xec\xd7\x1c\x0b\x1c\x18\xe3\xed\xb2\xe
fb\x10r\tA\xd8\xbc%h\x8a\x93!
x04\xec\xa6\xbd\x94\xf6''\x00\xeb\xbb<\x13\xfd\xbfp\x16\xee\xc6\xffHQ\xa9\xee\xc6\xffHQ\xa9\xee\xc6\xffHQ\xa9\xee\xc6\xffHQ\xa9\xee\xc6\xffHQ\xa9\xee\xc6\xffHQ\xa9\xee\xc6\xffHQ\xa9\xee\xc6\xffHQ\xa9\xee\xc6\xffHQ\xa9\xee\xc6\xffHQ\xa9\xee\xc6\xffHQ\xa9\xee\xc6\xffHQ\xa9\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\xc6\xee\
fb\xd14\x1d>5ym\x0c\x0b\xc8\xab\xcck\xe4\x06^\xf3@\x85e\x11\x17\xe5\x83d.
\x11?\xc2\x8c\xb3\xbbj\xee\xe9V\xfa\x05-\xed\xbd\x84\r_\x86\x0f\x0c/
\xe7\x13GAa[\xd7Q\x1e\x8b\x0b\x15\x00\xa4\xd3D&\x00\x86*\x8c3\xf0\xaeu\xf
2\x10\xddj\xec\xbd\x97\xf4\xb6?\xd5v\x8d\x00]\x80\x13C$
\xe4\xcd\xa9s9o\x07\xb7`\xf7\xa3\xf3\xe9*\xd2\x96\xb77\xcd\xa4\xb9\ry0\xff\x
11\xd3\xdf\xaa\xdcw\tx\xe5"\xc8\x89\x1c\x06\xa2m*\x93\xf6\x8fTa9b\xceX\x9a
Y(!-\xbc-\xd8.\x89\x91S\x844\x16T:
\x9b\x00\x99IvH\xe548\x91\x0e-0\xa7\xab\xea\xa4<#\x8bnmc\xe9\xf1A\x0cQ\x
c4\x1f\xe9\xe3\xd5\xb6\xde;
\x8b\x98{\x13\x16\x9d.R\xc6b\xe5w\xc2Ac\xc9\xd8\xbbz\xde{\xbb\x99\x99\xba
 \x 98\x 98\x 7f\x e 2\x 81x*\x a 4\x b 1\x f 6\x 8 f\x 16 p C r\x f 3\x f b\x 15\x 1 f\x c 1 F\x 0 e\x e a\x 
c2#\x0c|/"\x8bD\x80\xb7g\x9c\xf8\xae\'\xe8Z\xc1\xaa\'\xfd\xeb\xc7\x037\xbf\xa
5\x0ctv\xe2X\xf8\x04\x19\x02*; \xcb\x93_\x081kN)\x18\xb5?
\x00\xadpxH\xf5\xa5\xc2\xa8\x9d1\x82\xac\x83\xbb\x185\xfe$
\xd4\x10q\x90\xd5\xe85\xa9\x9e.\xaa\xfdpU\x02!
\x9d#\xb4\x05\x93\x9fo\xe2\x8b\xcf\x930\x01\x00\xe5\x97n\xf0\x02\xadY\xfe\
xe8"\xd3\xeb\x85\x96\xb8\xe1\xbb&z\xeb\xda\x19\xc6\xc2\x9bz8Z\xa6`
n\x92\x1cD\xaa\x02I\xc1\x9et\x0b\x98\xb8\x17\xa6$
\x88\xb2%21:\xba\xd9\xbe\xe2/
q(x90)xba(x8e)n(xc1)xe1(x9b)x1a3C9r(xd79)x9a(x97)xf3(x02)xc4&(xce)xb7(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe1(xe1)xe
xf6\xb3\x9d\x0b\x83\xbc
\x86\xb4vI\xcf\x02\xca\x87\xc8[\x14\xc8\xf7\xb7,\xf5\x020a\x93\xae>\xb3\x8f\x
c3\xe42CC0Y\x1b?\xa8\x13\x04\xec\xc5\xed\x9d\x8cF\x90\xad\xf5\xbf)
```

 $\x87/\x7f\%\x80/\x00v\xc8"M\x99\xddM\x15\xac;\xbaQ\xacL\xec; `4\xc3\x14y}$

\x9f-

```
\x05Ua\xf0\xe5\x0b\xfa~\xc6\x0c\xad\x8f\xb000\xd2h&n\x00o\x96\xda\xda\x9
4\x84$\xb3\x90\x80#_\x9d&\x13J\xd6\xd83o\xf7\x93\xc8\xea.
x11\x04\xb2;\xc4\x16\xc7\w\xfew\x956\x11\x07\x03*n\xc3-
\xa9F\xf0\xba\x8d\xa0\xa7\x8f\xf2\x1b\x0b\xe3\x12PA\t_ONI\xc37\x8a\x18\xe8a
Z \times 1/2 \times 
xbdj\xa9\xb0\x9fb\x8a\xado_\xbeC\xbbO76n\xa0A\x11\xdeu\xd5\xaa7\xc5\x1fpz
m\x19\x9d\xc6: \x19\xed\xc38P\xbd\xe7\x91\xfa,\x15\'~;
\x16\xdd\xf3\xa95\xf3\xad\xe1~\x12X9D\xaa\x99\xf3\xea\x0e\x1c6(\x10\xf7\x80)
A\\\x1a>\xa1\xc7\xa6\xe5\xa8\x0c=jT\x10\x9c\x93\xda\xde+
\xd2\xb8^a\'\xa9\xa4\x04<\x80\w\xf1\x82\x04a_\x13^\xc2ibX/
\xd9\xc84\xf8RI*\xb2%\x91\xa0\xcf\x0e\xa6\xeay\x08\x18\xd8\x8c\x83\xa8~\
\>?\xfc\xfc\xe9\xb8q\x0f\x94\xf0=\xb9\x11-
\xd8\x97\xd1\x88_\xbe\xedv\xdb\xdai\rF\xa6\x1c+)\xbeS\xdb\xbbF/
\xfa\xcb\xfb\x86\x92\xf6\x96\xf8?
\x92\x92b\r\xa2\x97V\xaef\xd6\x92m\xe2:=\x80\x06\x98$
xde x97 (x03 < xf0Z = _x1fxc9 x01 x91 xf3 & xcb xf2 xdd]
\x1a\xa6\x154\CdaF<\xc0UnHx\x8f\xa8\x0b\x11d\xf5\x1dv\xdaE9\xb1\x8fi\xcf\xfc
\xccji9\x83\x94\xe3\r4]3\xd9D\xa8\xf8\x11;\
\s\x1c=\xa2Y\xba\xa5\x0be\xfd\rem\xe8<ik\t>Z=\xe6\xa0\x14\xcaF\xedO\xa8\x1
8\xc5e\x87!
\xb4\x95Eyv\x99Y\xb3\xa0\xe3\x08\xc8\xf9\xb4ii\x8c6\xc9\x13t\xad\x03\xc6h
\frac{1}{x}07\xe0\x8e\xeb\xef\x0e\x8a01-Q:_\x8e[\x12B\x02E>R@Y\x1e(\xde\xb4I;
\xf5\x88Z\x87\x17\x07\x19\x07\xcfg]\xca\xd8\x8fY/\x01i\x9c\xb5\xb62y|
dU\x93\x04\t7<5\x83\xbfzUr\xdf\x8e\x99c3\x99\xfd\xec\xfa\xde\x10O?
J\x14\x1d\x9c6\xa3\x1e\xf6*\xe1\xf0\x98.t+
u\xd7.\r\nrG\xbe_\xfe6\x94\x96R
\xf3\x9f\x0b\xb7\xf74\x8f\xe0\xb9\xfe9\xcd\xe5?
\xf9\xd4\x88\xee\xach\x88\xbd''\xb3\x8d\xe0\xb2\xec\xf0\xd9a\x02\xed4\xc8\x
f7\xc1\xb=X\xc=\x0e\x8d\x8d\x8d\x8d\x81m\x030\xcf\x82\t\xdcVB\x81\xe9\x
cck\x82\x150\xef\xb7\xee\xf9\xcc\n\xd4\xab\xa6\x9b\xa1\xd1\x85\x18-
\x1b\x9d\xc6\xd3\xe8+a\xf0\x97\xee\xab\x17\xc6g\x93?\x8f\xa4\\\xa9\x1bZ-
X\x00s\xf07\x97(\xc7\x7f\xbb\x13\x9b\xa30\x19zw+\xda{\xc0}
E\x03\xf4r\x10\xc8\xc7\xe5\xa5\x17\xdf\xa7\xcd6\xa6\xc00\x8f\x80$\x13\xe1\x
84F\\$
\x17\x04\x1b\x95\x8aw\xe8x\x12\t\xa0_\x85\x16\x15x\xd0`>\xd0\xcbl\xecA\x06\
xc5\xf1J\x000{\x87\xa5\xc2\x08c{\xf8\xe4\xaf\x18}]
\x8f\'\xf4`\x94:\x00\x0b\xac@NIt\xfbh\xa0uA\x9e:k\xec\x11\xeb\x08\x90\xf7g\x
aer{(\xdaT\xc3v_fi\xb4D\xa4O6\xff~\xa9\xd8\xd5,\xc4T\xd9T\x953\xf9r^n>w\xf}
4*\xe1\xae\xae)v\x00Es\xb8\x81M\xcf\x05\x9b\xb3`\x92\x1f|
\a4\xdf\xba\x1d\xecID\x82\xa3\xf2\x97\xe7R\x18\x0c\x17\x17RuL\xbb,
\xc09\xf9\rH\&\x11=\xc1\xa0\xdd*\xdeq\x1b\xb6\xdd\x94?\xf1\xcc!
\colored{xec@\x9f\xe7\xaa!}
\xb8\xad\x89\xa2\xc8\sim\xe8N\xebn\xo1\xf5\x83^Br\xa8\xof\r\xbcnb\x17P\xb5\x8
bY\xc9UQ\xf8G\xe5\'\xf4\x88\xe2\xbdi\x80*Np\x00\x8a\x1f,
```

ba\xc5\xf9\xcbH\xc29\x8aR*\xfei\xcd\xbe\xda7\xad%%7\xcaV?

 $<z\xce\x7f\xd2\x86-o\x88X.\xf0f\xad\xa7\x1d\xde\x87g>?$

 $\t \$ \'\xb5\x1f\x90\xe9\x1b\x19\xb0S\xf7k\x8ah\xa1\xf7\xb4O\xf59\xcb?

x025xf44x86x06x80Gxbbxd6xf5pxe5mxff;

 $\xdb\xa6\x05\VHU\xd1\xc2\x86\x06\$

 $\x 4*\x 9eM\x f6\x a7d\x 12\x 1d\x 99E\x 81\x c3\x eaD\x f7b\x 86B3\$

 $\xon = \xon =$

 $\x) x60\xf3\x08x\xc0\x070=\xd4\x9f\x81a\x9d\x1c>u\xc4\xe3m\x8b\x1b$

 $[\x00\xfc\x18\xb1rh\xaa\xdd\x14\xa9C\xce7\xc0\xcfUP\xf5\rhT\xd2i\r$o\xe6\xd4\x97\x99\xf0r..$

 $\label{thm:linear_continuous_co$

\x00\x08\xd7\x96\xaei7\x19p\x8f\x10\xed\xba[\x87z\xc0\x8e?

 $\x 10w\x da 5\x b \$ dL\x c 6v\x 12\x b 5\x 0 f\x b 5\x 9 a\x 1 d\': EJ\x 1 a\x 84 > \x 0 8\x 85\x c f\x 0 1\x a a -\x c 4 n\x d 7\x e 1\x a 2\x 10 b\x c a I]$

x8bxc8x8bmx89px15xe5xcaxc9x92xe5xe0xd1xa4xe5e

 $\label{thm:linear} $$ x19\xeb\xd3\x0bu\xbe\xaf\x81@\xff\x19g\xf2X\n\x1e\x85\xa2\xff^\xe4Z3\x01v\xf8\x92\x81\xdb1\x15\#o\x00h/$

 $xf8\xd1\xfcXS0\x13\xc9\xe5$ kf\xeaR\xc2\xdbZ[\xd1\x04\xde?u:

 $\xb5{\xe8\xf4\xaa\x97\xaa\xc9UY\xa3D!}$

```
\xba(\n\xc9L \xb3_C\x17D\xd9v\x1b<\xa9\x11\xafJ\xf84\xad\x8e\xef\x86\x91g\x13\xc5^-\xf4\xf8\x7f4t+
```

 $\xbc\r\xa0\x06\xf7_\x11\x85\JGU\x8c\xaeT\xea\x7f^*\x9d\w\xde\x958?$

\xb4\x10\x87o\xff\xac\nendstream\rendobj\r65 0 obj\r<</BitsPerComponent 1/

DecodeParms<</JBIG2Globals 8 0 R>>/Filter/JBIG2Decode/Height 280/

ImageMask true/Length 2330/Subtype/Image/Type/XObject/Width

 $\xd8E\xa3\x1e\xd5\xd5\x02\x9b=\xbb\xa9\xdf\xc7\xb3\xfbG\x1brD\xb31</$

\xd1\xa9\xad\xef\xbc\xe8\x0fpQ\x91p>.U\x9bMX\xe5\rA/8c|

 $mn\xbe\xb9]\x8el\xb1`\x02\xa2l\x14\x00\xa6\KD\xba0\xdf~\xd4g(\xbd\xa3\xeb\xd4\xd4)\xbb\x113\xad\xd3C)$

\x81.\x98\x06\x0f3\x12\x05\xe7T\r\x07+\xeehS\xb8%%

 $\label{thm:linear_continuous_co$

 $\xd5\xe7\xdf\xf0D\xeaT\xe4\x86\x83WV=\xc\x06a\xe2\xe8B\x15\xf6S\x9a\xd5F\xfb\xd4\xo4$

\x80\xa1M@\x14j\xe3\x07\xb0\xc1\x08\xf9\xc3\xdc\xe1es\x82\xd0\\

 $\label{lem:condition} $$ \x0c\x81\x87\x00\x99W\xd19\x13\xab\x0e1X\x0e1X\xb0{c\xffE2m\xc4\xc1} *B\xa6\x1f*\xa8\x06\x15\xc4\x84\xcf\x92\Yz\t0,\xe5\xf9H-$

 $w<xdeA\\x82N\\xa2\\x19\\xe4\\xc5W$

x8dxc9xb4x8f|Sx91xbdqdXx85Jxa7xf6xf4xf1[+

\xa3\xbaY\x0e#\xf1\xedT|

 $R\x0b\x3\xf7\x0fu\xda\xd7\xbb\x10\x08\xa53\x84\xdat\xa9\xfb\x9dJ\xdf4\xo2\x07\x0e\x82\x03\xf8E\xe0\x1c\'\xf5\xd,d\$

Z<|x0e|xf4|x12|n|xf4|xc2|xb1|'||xb2|xd7|x1fS|x96Z||x0c.q|xdb||x1dVc|n|xa4|x07/j'|x8f4/o|xbeMKR|x03r|xa8|xe6||xfb||x99||x9b||x88A||xde||n|

 $\x 9a&\x 92\x 0b\x 9c\x dc\x ce\x 80V\\\x f6\x 91LO4\x f43\x 14T\x ea\x af\x 89\x be\x d8\\\x cfZ/\x af\x 9f3:\x 1d\x 03\x 893\x 9e\x a4I\x 14\x ae\x 99\x be)$

\xac\x7f\xe3\xd8f\xd1\xad\xd4\x1c\x16W\x9d\xfb3\xb6#D#\x92g\x8f\x8dB\x15\x 85\x98M\xb3\xc0k\x0e\xfc\xc6f\xd3\xf5p\x89x\xf7\xc4t\x15\x17\xcbj\xbe\xc2G\ x82\x9a\x80\xa0\xc4\x03U\xd7\x03.\x86\xc3\n\x8b\xe2#\x1d\xc1N\xd1\xc87\x0 b\x10\xb5\xdbo\x8a\x03\xf5\xcd\xeb\x01\xbd>\$_\xf6\x1d\xf4\xa6\xb3\xc0\xffUJ 1\xe1K-.\xd6

 $\label{thm:c4} $$ \x87\xc9&\xfd\x05d\x18\x15\xabV\xaa\x10\x0f\xde\x06\x08He\xc4\xfc\xbf\xe3\xc6F\xc3\XW\xa2?\xe3\x05\x99\x81\xd4\xe6\x82\xebH\x8f\lO\xaa\xf8\x91| $$ \x98\xb2\x83,@x\x9a\xb8\xaf\xc5j\xc6\xab\x1d\xf5\xa90\xda\xd7\xe0\x90\xb3\x 16\xfd\xde\x10\x06\xb7t\xb9\xef\xcf\xd7;\xa4\xab\x031\x8d\x04\xb1\x93\xfb+? $$ BS\x08\x18q\xf2:\xaeW+\xc3\x0c+\x19a\x06T@\xe2\xd2Z\xea\x04>\xb8R! $$ \x028\xa8\xec\xc9M\xef\xb5\xb5\x1d\x86j\xc3\xcb\x89\xde"\#\x8b\xf1\x80H\&\xab6$$

```
\x15\x8do]
```

\xa8@(\x12\x0e\xf4\x81\x01Z\xf2s\xbdw\x83\xb6\x1c\x0c%

 $\xb8\xfd\xbc\x99(\xffo\x04\xd3\xbf\xf2\xae\x87\xc32fF\x06T-"\xbc\xed\xe2f[\xfb\xa2\x1f<\xc5\x8f\xfciSNDe\x9c*r\x15W\xd5p;\xb2\x1a\xa5$

 $\xspace{1} \xspace{1} \xspace{1$

 $\label{thm:linear_continuous_co$

 $\xbcF\xc5\x0f\x1b\x06\xd6\xeb\xba\xb8:I\x1d\x83\xe1\xc3\xd8\x1f$

^\xa3\xdfNy\x05)"\x7f-Hh\x13F\xcd\xdf\xca\x8eE\x02\x80:B7\xb3\\

\x92Z3\xb3\xfa_\xbf\xff\xac\nendstream\rendobj\r66 0 obj\r<</

BitsPerComponent 1/DecodeParms<</JBIG2Globals 8 0 R>>/Filter/

JBIG2Decode/Height 423/ImageMask true/Length 3550/Subtype/Image/Type/XObject/Width

 $\c0\x86\x15\x1f\xd9\x00\xcf\xdf\xed\xc0{p\xc2\xe6\x8d\x96}!$

 $\x 94\xff\x 12\xff\x 1a\xfa\x 01\J\x 8em.$

 $\label{tif-x8e} $$ \tif-x8e=R\xab\xbe\xa5\x18\xe4\xca\xdf\x14\xe2\x105\x1ak\x08\x04\x129\xfeM\x05\xfc\x19>R\xb1\r6O\xd9,\xe0s^\x85\xb7\x0fQ\xf8\xbf\xa2S\x95+-$

D\xb9\x85\xc3\xc0Ag\x13\x04(\x86h\r\xeb\x1a?

{\xd6MsXBy{\x0b\xd52\x13Wt\x18u\n 6\x00\x82|

 $\xc8\xf6\xa2\xee\xf5\xb3\xd5\x0cT\#\x13\xbd\xf5\x15\t\x0e\xa7q\x13B7\n+$

 $e\xd6\x1c\xf9RT\x97z\xd7\xdd:\xdfG4;)\xadK\xb2\x95\'$

 $\xdf\n\xa5\x90\x03\x05\xc7\xd7\xb4r\x91\x98\x92\xb7\xcf;$

```
\xc2\xfft\xfa\xec\x9e\xb2\xdbft\x96\xdd\xdd\x157
`O\xdd\x02}\xeci\xc6m\xfa\x8eY\xd9\xf9S\xac\xbfY!
i\x9f\xef\x1c\x06\xc5K\xf2v\x1d\xd8\x82\xc7\xb6\xfd\x03?
x92\xa2\xa8T\xb8\xe7a\x94\xfbm4j\xdf\xfe\&\xce\xf3\x9au\x80Y\xcd.NL\xb3\xa
bHH\x9f,\xbd\x08M\x90\xbd\xfaS\x88\x89\xf8\xecur\x88Ez\xb6\n@\x1fl
9Q{\x95\x08\x02R\xd3\x04\xef\xe5\x89\x98\x07\x15\x06\x1a\xf5!
\x86ep\xc05\x85\x96\x8c\xfa\xd9f\x06\xeb\x16B3s\xb7\xc2)\x01\x9e<{\x97\x0c
\x0c\x19t\xebQ\x95x\xce\x86\xd0\xa8e\x86\xa7\xa1v\xaa&P\xde\xcal\x03\r\xd8\
xb8\x81\xecw\x1bB\xaa<\xad\x8d\x8c\x8b\xe2\x7f\xfc\xeb\xe6\xa3\xb5\xa7\x8
8i\xafeA\r$
\x03\xba\xba~E\x957\x80\xfd\xe6\x045D\x96\x0c\xc3\x8e\t\xab^_\x11i/
\x19IA\x06\x07\xec\xe0K\xc9\x87\xb6m\x88\xecY\xd4\xffM\xbd\xe4F1"\x89\x9d
\x1es\x88\xca\xc7\x92\x85\x16\xb8\xba\xe0\xcb\x88\xab\xae\xdb\x1aG\xd2\r\x0
4\xff>\xdf\x86\x11\xae\xd9;.\x0c\x0fK\x02\x19\xe4\xb7\xcc\xfc\xee\x9e\x04J)
\x14Y\x81<\xc8\x83\xe1K\xb7\xa3\x8c\xee\xf8\x06\xa4\x8a\xc9\xbfY\xb0\x1b\x
ce)Jop\x8e\xa9o\x8a\xc6N+@\xb3\xee\x99QT\xd0\xcf\xeb\xa2\x00E\x9e\x1d\xa
6\xf5{\xe9\xffeje:}C\xcd\xd0,\x96\x86\x82oh\x19x]
\xbc\xc3\xba\xe3\x92\xa2r\xa6\n\xa7c\x8d\x1c\xc2S\xddm\xf2C\x175\xf3\x87\x
8b\x1e\xdf0p$\xcd\x1a\x04>\t\xb0\x15\x82vq\x1b\x1a\x96TA\xb6%
xf6Gxc2xc5x14wx0ex11x13x8exb0xb1y,
\xfe\xfc\g\x81CK\xadY^1\x9c\xaa\x1d\xdd\xbd\xa3K.@\x06^\x89\xa1>\xf6\x84\
'\x9ef\x0f\xc3\xc3\xd6\x11\xf0u
%0\xdc$H\x84{`\x8cr\xda\x98Y\xde\x1a\xff3\xab\x9c\xf0\xfd@8\x85\x88A*\xe
dU/(xcc)I/(xbce^{xe5}x98)xb8q/n/(xebc)x1d/(xf9Z)x94/x14c/(x06)x1f/(xa0Q)xdf]
x7fxc3xc4x14xc5%x1fx87gbxbd-
\x0fN\xfdg\x98\xd2\xfd\xac=\x07bS\xbf\x88\xbc)\x87\xa7\xf1Yd\xea/
\xfd\x19n\xcd\xd2\xac\xc2Z\xf6\xe8\xbf\xb1\x8a\xfe\xac]
\xfdtp\xc3\xce\xda\xcff\xf3\x11w\xbf\xb8C\xcftT\xbe>\xe9h\xc1d\xa8<+
\xc8\x8c\xbd\x7f\x17\xdc\xeej\xca\x01y\x0b\x13
"\x9f~\x1f\xcb\x99\x0c\xe4\xe6\xf65\xc5\x88c\xc2{r\x91\x88jo\xfa\x17\xb0?%
\xab\xdc\x1dJ\x82\xa1\xbf\x95\xc6\xd9\xbc0;]\x82\x8e\xb0%.
\xba\xb3\xda\xe9\xe1\xab\xda$\t;\x9a\x88\x8e\xe8]\xd6\x1dr/j\xe7@\x1d\\
\x8c\x1edn$\x9a\xf9z|D\x18\x0b\xa2w\xd3.\xc9\xcc\xa56\x119I]Zq\xd9?
\x7f\xf8\xe8\xde^\xc5\xf6\xa7\x91_\x15\x16\x87\x1f1X\xbd\xf0\xe9^?
Y(xf7r)xc2(x9cM)x00(xbfJw)x14o(x95)xfd(xc2)xd6(r)xbbb(xaa)xfc(xbbo)xc8(xa3)
xb2\x02\x92\x8bb\x075C\xe2&*\x87\xa5iv\x96\xc7\xef\x8e\xa1\xfc+\xb1
2\xe5\x8fIP\xdd>\xcb:\xb3k@\xf9!\x9aIS}
ae\x9e\x02\xc5\xa9\x04\xcb\x15\xe4ef\x82\x17\xaa\xeb\xe3\xda7\xd4,&\xf2%^u
\x8e\xdb\xf8\xd6.\x15r*\x98.\xac\xd4>_dV\xd4\xa0\xe0\r\xccZ\x04kkgs\xed\xc6
\'\x81R\'\x14\x95U\x9fP\xa7\x12/\x80
K\xe6\xde\xcd\x19i\x17\xddHFd\x96\x1b\xba\x9d\x1c\x90I
\xe9w\x1eRDKb\xe1\xef0\xa5\xc0G+@\x92\x99\xc8.\xf6V\xb7\xf8P\xbf\xca\xec
```

~\x9d\xc2\xde\x9b\xe15N\xdb\x18X\x80\xbd\x91\x02\'\x96\x085\xb3\x84gR\x9

```
e\xb\xf1\xca\xbd\xb6Q\rG\xd3e\x18\xf6\x99\x8bn\xac\&k\x97qQ\xe1\x1a\xfa\xc1D\xf8@\&\xe1\xe6\x84\x18\xca\x98AxOX\xa0(\xe48\x99\xea)\x13\x84\xaa: \xd8'\xe4\xc3B\xe8r]
```

 $\x9c\x88\xcd\xb9\x9b>>\xdb\xf0C\xe8\x18\xdc\x1by4\x19\xf4\x140\x036J\xacJ; \x89Q\x88\#V\xc5*};\xb3I=U\xdd+\x16r\x90\xb3+\x7f._,$

 $x14\xc1\xb6[\xcf\xce\x90\x18\xde\xcc\x1f\x8c()$

 $x00\xec\x13\xdf\xc7\xb2\xb2\xa3\xfa\xa4\$

b6)P\xe1E\xa7\xcb\xb8u\x8c\xe0|

 $e\xcd'\x8c\x03\x001+v8\x999\xf1Q\xfd\x19\x12>\xa4\xc1\xaf\x8fN`<\xe3\x933jFw\x98\x04\xb66\xebGDW\xd6.Z\xf4\x05z4\xa4\xd7\xa7\xd21u\xa4\x1cD6.A\xb8*\x1cxa\xea\xae73I\xab\t\x02\xf6\x134\x99\xd5\x0e\x0b\xac\xc8E\xa2Fd\x8d\x17\x1b\x1f$

 $\label{thm:linear} $$ \x0c\x16\x0e\x18\xc0\xd1\xe0\xe9\xf8_JM\xe1\xefA\xf3\xacc\x05\x85U\xdb\xf8\xcep\x05\xbfbU\xecy\x15;\xc4$F\xd3\'M\x86\xd7\xda\xeb\x8a\xca~\xd2k\xd4\xc1\xe9\xb7s\t\x9d\xda\xc5\r\x17\xe7r\xf5\[\xf5\xc8\x91\xaa\xcf\}$$

x1bExf3x0fx10Sx96xdeYx1e]Exb6x16ix7fxd4A]

 $\xb5\x15\xac\xeb\xfaan\xa9PE\xeb\xdf\xd8\xf6\xe8\xec\x11\xbcRk\xd7\xa1n; \x96\xb7\xcc<\xe6\xeb\xaaw\xc5/\x1b\xd7\x97\x9a\x83\xa6b%$

 $\xd3$Y\x0b\xde\xa1\x16no-\xa2$$

 $\xf9\x0b\mCE~b\xbf$

 $x89\xe^xa8Y\xaf\x087\xbfg''\xba\xfe\xf2:~\&-$

 $\label{thm:linear_continuous_co$

 $\label{lem:black} b\xf2\xa5\x8f\xa2\xb9\xd0\xe5:\xe6\xcf\xb1\xc9\xcel>\x01\x04\xb3\x87\x8c4+\\ \x8e5S\xd83\xef\x1e\xe9\xadc\xe1\x05\x05\x83\xa1.X\xa8\x9fT\xb3\x10.\xf7\xa7\xab\x82\xe0\xc2\xd3\#\xbd/$

\xd6\xefQx\xbbs\x90\xcde\x14\xaf\x13\x10\xab\x8f\xcd\xac}

 $p\x1b\xe2\xc1\x97\xd5>\xa8\xcc\x12\x80\xfd\xbaW\xa3\x84\xa3^\x1b\xd1\xcd\x04\xa1>\x02\sPQ\x80\xe0\xbe\xee\n\xdd\x91\x81B\x0c\x8d\xc2\xr\x8e;w+\x9fhf\x12$

 $k\xc7\xd3\xce\x1b\x14\xb6Ru\x7f\x10\xb7\xb0\x1b\xd5_\xe8\xc9\n\x96\xbd\x86\xx14\xad\xf1o\xc8\nli\xae1\xfe\xcb\x12\xe6\xba\xf5+$

\xc1\x95;\xfd~H0s\x11\xc9]\x01\x08\x03\x9c\xd9/\xf2\xc2;\x9f\xf4U#\x8b\x8d\x c9\x15\xa8)\xd7\x14m\x82\xaf\xb7\x80\xb7\xec\xa8\xf0V\xffVP\xa5\x16\xe0<\x 1f\x17g4\x06\x1c)\x9c[p\xc4<\x95\xdf\x8d\x8d\x8d\xff~0\xf0\x130?{!

 $\xc0\x7f\xaf\x06\x84\x02v\xa2$

 $\x 63\x 64/\x 64$

\xb2ZT\xd3\xdc\x99s\xd4g\'\x15\x9e\x83\xafX\xe0\x99T5\x93\xd7uA\x03?

y;2\xfb\xe5\xde\x1f\xb87\xff\x18\xf5\x1c\r\x95\x99\xc3\xea\x7f\xde\xa3\x86\xac

 $\xf4LX\xd1<\xb7\x0f\xb4\#\xc0\xa4b\xadj:\xa6\xf1\xa8\xc0\xd8\x1aT\xf0\x11^:)$

\xeaF*f\xd7\\x8f\xe75\x10Jy\xad\xbc\x9dBV\xd9\x83\xca\xf6\x13\rw\xce\x9b\x1

90\xb7\x07H\x04\x91<\xdc\xf5\xf3P\xf9tM\xd3h\x12p\xd5q\x8f\x82\xd9\xc9\xb

 $2\x1c\x0c\x07v"\x05\xe1\x1cZ\x8f\x13\xed\x9d\xc3\xaa\x1et\xb8\xc2U<<\x94\xa4\xedrQ\xad\x9fe\xa5\xb1"\xfa@`\x1f\x83\x08\xb6\x06\xc0\xb4\xd9\x0$

4\xdd\x02(;

 $\x17\x8fA\xf8\x1e\xdb\xbf\xff\x05\xb0\xf0\xc4\xe1\xdf\xd8\xe1\xc1r?$

 $\x8c\xfb\xb8\xea\xa4h*\xaa\xbe\xf0\x91h\x1a\xb1{2K!}$

 $\xbb\xde\x81\x1d^{\xbb}\xdd\xb5U\x90g\xfc m2\x1c\x8f\xae\xad\xd3X$:

\xe8\x01\x07?\xd9\xb1\xf6\x81\x08\xf9\x9e\xfcK\x1c\xf8\x19\xe0BM

 $\xe5[s\x1cF/\xf9\xe2\x06\x80\xe4\xd0\xf0\xb8\x8cmi\n\x7fMz]!$

 $A@I\x887W\r\xbal\xf5\x0e\x17\xe86\x97\x15e\xa9\x88\xed\xc7\x9bs\xea\xfan\xb5\xa9\x82b\x13I9\x1b\xb7\x0e\x8a\xc0]\xad\x1d:\xb6\x85\xc6L\x97\x84\xd8$\x0737H\x0e=J7\xe9 \xbdaT\xe0\xf9AR\x02\x97J\xee?Gc$

 $\xf3/5*JS^{xe6f_\xe6\xe6\xe6\xe4\xf4\xa8\xad\xa6\x87\x81\xe8\x17\x99Nd\\ xf9\xa5\xc6\xdch.\xa9-$

\xd5\xca\xfaaJ\x1c;\xc6\xec3\xfa\xd8T\\

\xb5\xf4\x8bAF\xb4\xb8\xd5\xc4\xa2\xa9\x96\x110\xb6\x07\xa6\xe8#\x07J\x12

```
3Y\x92\x83s[\x8f-e\xd9P\x9a\xb5\xa4\x96\xf4T\xaf
```

 $\xfdB\xe9r\xf3\xc4\xbc3j\t\x8fl\xcf\x13\%$

 $\label{thm:linear_continuous_co$

\xf1\xcd\xe5\x8e\x15\xa1\x1a\xa2DF1\x7f\xff\xac\nendstream\rendobj\r67 0 obj\r<</BitsPerComponent 1/DecodeParms<</JBIG2Globals 8 0 R>>/Filter/ JBIG2Decode/Height 41/ImageMask true/Length 447/Subtype/Image/Type/ XObject/Width

\t\xcdG\x98PB\xa0bI\xf6Qsm]

 $i\\xe5\\x9anb\\xe6\\x8a\\x1b\\x1d\\xbb\\xefJ\\x7f\\xff\\xac\\x00\\x00\\x00\\x000\\x000\\x001\\x00\\x00\\x0000\\x000\\x000\\x000\\x000\\x000\\x000\\x000\\x000\\x0000\\x000\\x000\\x000\\x000\\x000\\x000\\x0000\\x0000\\x$

\$v\x16a2\xab_\xe9\x053@\xffh\x9f\x1d\xee\x9f\xff\xac\nendstream\rendobj\r68 0 obj\r<</BaseFont/Times-Roman/Encoding/WinAnsiEncoding/Name/F01/

Subtype/Type1/Type/Font>>\rendobj\r69 0 obj\r<</

CreationDate(D:20230921143727+01\'00\')/Creator(Xerox AltaLink C8155)/

Producer(Xerox AltaLink C8155)>>\rendobj\r70 0 obj\r<</Length 2964/

Subtype/XML/Type/Metadata>>\rstream\n<?xpacket begin="\xef\xbb\xbf"

id="W5M0MpCehiHzreSzNTczkc9d"?>\n <x:xmpmeta

xmlns:x="adobe:ns:meta/">\n <rdf:RDF xmlns:rdf="http://www.w3.org/

1999/02/22-rdf-syntax-ns#">\n <rdf:Description about=""

xmlns:xmp="http://ns.adobe.com/xap/1.0/">\n

<xmp:ModifyDate>2023-09-21T14:37:27+01:00/n

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<xmp:MetadataDate>2023-09-21T14:37:27+01:00/n
<xmp:CreateDate>2023-09-21T14:37:27+01:00/n
<xmp:CreatorTool>Xerox AltaLink C8155</xmp:CreatorTool>\n
rdf:Description>\n
                   <rdf:Description rdf:about="" xmlns:pdf="http://
ns.adobe.com/pdf/1.3/">\n
                           <pdd:Producer>Xerox AltaLink C8155
pdf:Producer>\n
                 </rdf:Description>\n
                                      <rdf:Description rdf:about=""
xmlns:pdfaid="http://www.aiim.org/pdfa/ns/id/">\n
                                                <pd><pdfaid:part>1
pdfaid:part>\n
               <pdfaid:conformance>B</pdfaid:conformance>\n
rdf:Description>\n </rdf:RDF>\n </x:xmpmeta>\n
\n
                                            \n
```

\n<?xpacket end="r"?>\n\nendstream\rendobj\r71 0 obj\r<</Alternate/ DeviceRGB/Filter/FlateDecode/Length 2561/N

3>>\rstream\nx\x9c\xb5\VgP\x14\xd9\x1a\xbd\xdd\x93\x13i`\x08\x12\x86\x1c\x87\x1c\x06\x90\x9cA\x04\x91,*\xc3\xcc\x00C\x18p\x98\x01D\xcc\x88\n\xae("\x92\x0c

 $U\xaf\xea\xd5V\xbdw\xaa\xba\xfb\xf4\xa9\xf5\xbd\xdf\xd7?$

 $<@\xf4=q\x8b\x1eb\xf4\x82\'\xee\x1bO\x92(\x99\x87\xe8\xc2\x05=\x99\xcbJC\xf8\x1e\x84k\xc5$

\x02\xac\x03|\x10\x0f\x92\x81\x00d\x80|\xb0\x1d\xe4\x82|

```
s\x88\t9B\x1e\xd0\n(\x08\x8a\x80\xa2\xa18\x88\x0f\x89\xa0Ih\'\x94\x0f\x15Be
P%T\x03\xfd\x08]\x84\xaeA\xb7\xa1^\xe8!
4\x02MB\x7fB\x1fa\x14L\x86ea\x15X\x076\x81\x99\xb0\x0b\xec\x07\x07\xc3k\x
e18x\x03\x9c\x05\xe7\xc0\xfb\xe1\x12\xb8\n>\x0b7\xc1\xd7\xe0\xbb\xf0\x00,\x
86_\xc23(\x80"\xa1h(u\x14\x03\xc5D\xb9\xa1\x02P\x91\xa8X\x94\x00\xb5\x05\
x95\x87*FU\xa1\xeaQ\xad\xa8N\xd4\x94\x185\x85\xfa\x80\xc6\xa2\xa9h:
x9ax81xb6G{xa3Cxd0lxf4x06xf4x16xf4>tx19xfax0cxbatxxddx81xbe}
x8f\x1eAO\xa3\xbf`(\x18e\x8c!
\xc6\x0e\xe3\x83\t\xc7\xc4a20\xb9\x98b\xcc)L#\xe6\x06f\x003\x86y\x87\xc5b
iX1
\xc^r\xd6\x1b\x1b\x81M\xc0n\xc2\xee\xc3\x1e\xc56\xdb\xb0\xbd\xd8Q\xec\x0
c\x0e\x87$\xc4\x19\xe2\x1cp\x018\x16N\x88\xcb\xc5\x95\xe2\xce\xe2\xae\xe2\
xfapc\xb8\xf7x\x12^ro\x8e\xf7\xc4G\xe2\xf9\xf8\x1d\xf8b]-\xfe\n\xbe\x0f?
\x8e\x9f#H\x11\xb4\tv\x84\x00\x02\x87\xb0\x91P@\xa8&\xb4\x12\xee\x11\xc6\x
08sDi\xa2.\xd1\x81\x18LL n\'\x96\x10\xeb\x897\x88\x8f\x89oH$
\x92\x06\xc9\x96\xb4\x8a\xc4#m#\x95\x90\xce\x91n\x91FH\x1f\xc82d\x03\xb2
\x1b9\x8a,"\xef\'\x9f&\xb7\x91\x1f\x92\xdfP(\x14\x1d\x8a3%
\x92"\xa4\xec\xa7\xd4P\xaeS\x9eR\xdeKP%\x8c%|$8\x12[%\xca%\x9a$
\xfa$^I\x12$\xb5%]$
\xd7IfI\x16K^x90\xbc'9\%E\x90\xd2\x91r\x93bIm\x91*\x97\xba(5$5#M\x956\x)
93\x0e\x90N\x96\xde\']+}[zB\x06\'\xa3#\xe3!
\xc3\x91\xc9\x919)s]f\x94\x8a\xa2jR\xdd\xa8l\xeaNj5\xf5\x06uL\x16+\xab+
\xeb#\x9b \x9b/\xfb\x83|\xb7\xec\xb4\x9c\x8c\x9c\xa5\\\xa8\\\xa6\\
\xb9\xdce91\rE\xd3\xa1\xf9\xd0\x92\h\x05\xb4\xf3\xb4A\xdaG\y\x15\y\x17\y\xae\xf
c^xf9z\xf9>xf9Y\x85e\n\xce\n\
\x85<\x85\x06\x85\x01\x85\x81\x8atE\x0f\xc5D\xc5\x83\x8a\xcd\x8aO\x94\xd0
J\x06J\xab\x942\x94\x8e)\xddP\x9aZ&\xbb\xcc~\x19{Y\xde\xb2\xf3\xcb\x1e)
\xc3\xca\x06\xcaA\xca\x9b\x940\xw)\xcf\xa8\xa8\xaax\xa9\xa4\xaa\x94\xaa\
\W\x99R\xa5\xa9:\xab&\xa8\x16\xa9^Q\x9dT\xa3\xaa9\xaa\xf1\xd4\x8a\xd4\xae
\xa4^\xa9\xde\xad>\xa7\xa1\xab\x11\xa2\xb1C\xa3A\xe3\x89&Q\x93\xa9\x19\xa
bY\xa4\xd9\xae9\xad\xa5\xa6\xe5\xaf\x95\xadU\xa7\xf5H\x9b\xa0\xcd\xd4\x8e
\xd7>\xa2\xdd\xa9=\xab\xa3\xab\x13\xa6\xb3[\xa7YgBWA\xd7G7K\xb7N\xf7\xb1]
\x1eE\xcflo\x83^\x95^\xbf>V\x9f\xa9\x9f\xa8\x7fT\xbf\xc7\x006\xb02\x887(7\x
b8g\x08\x1bZ\x1b\xf2\x0c\x8f\x1a\xf6\x1aa\x8cl\x8d\xf8FUFC\x0c2\xc3\x85\x9
1\xce\xa8c\x8c\x18\xd3\x8cW\x18\xef0n6\ee\xa2e\x12ir\xd0\xa4\xd3\xe4\x8b\xa
9\x95i\x92i\xb5\xe9\xb0\x99\x8c\x99\xaf\xd9\x0e\xb3V\xb3?
\xcd\r\xcc\xd9\xe6\xe5\xe6\xfd\x16\x14\x0b0\x8b\xad\x16-\x16\xaf-\r-
xb9\x96\xc7,\x1fXQ\xad\xfc\xadv[\xb5[]
\xb6\xb6\xb1\x16\X\xd7\[O\xdah\xd9D\xdbT\xd8\x0c1e\x99\x81\xcc\}
\c [\xb6\x18[W\xdb\xad\xb6\x97]?
\xf9\xa8\x83\x86\x03\xcb\xa1\xd2A\xecHw\x8cv<\xe1(vRwb9U9=s\xd6t\xe68\x
```

9fr\x1ew\xd1wlp9\xeb\xf2\xca\xd5\xd4U\xe0\xda\xe8:\xebf\xe7\xb6\xd9\xad\xcd

x1dxe5xeexe5x9exe7xdexed!

```
90\xb5_\x99\xdf\xb3\x15\x06+
```

 ${(x9d)xd2\xba\xa4u\x97\xd7K\xaeg\xad\xbf\x10\x8d\x89\x0e\x8b\xae\x8d\xfe\x c4\n`U\xb1fb]b*b\xa6\xd9n\xec#\xec\x97\x1cgN\x11g\x92\xeb\xc0-$

\xe4\x8e\xc7:\xc4\x16\xc6N\xc49\xc4\x1d\x8a\x9b\x8cw\x8a/

\x8e\x9f\xe2\xb9\xf1\xcax\xaf\x13\xbc\x13\x8e\'\xcc&\x06\$

 $x9eNx9cOnKjHxc6'G'_xe4xcbxf0x13xf9x1d)xaa$

 $\xspace{2|rv\x1b\x0eo\x98\x16\xf8\tN\xa5Aik\xd3Z\x84\xb2\xc8\xc1\xd2\%}$

 $x12{2\xfd\xe4\xf3\xea\xd0\xea\xce\xef\x99\xdf\xd7\x9cR}$:

~\x8c\xfeq\xf0\xbc\xdf\xf9\xf6\x0b\xcc\x0b\xf5?

i\xffT\xd1Hm\xcck\x82\x9a66M7\xc77\x8b["Zz/

 $\xfa^lo\xb5om\xfc\xd9\xf8\xe7\xd3\x97\xd4/\x95_\x96\xbb/\p\x85x\%$

 $xb6x16_x1eqx1fxe9zxb6xfaxd9xf0({xf4xe5oixbf})$

 $\x1a\xcbyNy^<\xae6^3a>qi\xd2s\xb2\xe7\xc5\x9a\x17c/S_\xceM\xe5\xfe.$

 $\xfd{\xc5+\xbdW?\xfd\xe1\xfcG\xd7t\xf8\xf4\xd8k\xc1\xeb\xf9?\xf7\xbdQ}$

s\xfa\xad\xe5\xdb\xf6\x99\xc0\x99\xa7\xef\x92\xdf\xcd\xcd\xe6\xbdW|

u*\x8b\xcd\xa53\xfe\x19\xec\xfe?9%\xa6\x14\x80\xe6]\x00(<\xfa\xaa!\x08\\z, \xe5\xb5E@\xe0?\x03\xfeZ\x87\xa2!\x97\x05"U\x7f\xd5R\xaa\x00`\xce

```
\xspace{1} \xspace{1
b\xfbLI\xdd(\xe0\xc5\xc5\x0b\xe9\xde\xdc\x8c$
\xaePH\x0fd\xb1\x13Y\x02\x8e\x11\xdd\xdc\xd4\xd4\x12\xa4\xc5Z\x98/\x96Bd$
#c~\x9d\x9f\x7f\xa3\x03\x00\xae\x08\x80\xcf\x05\xf3\xf3s\x95\xf3\xf3\x9f\x91
obj\r<</DestOutputProfile 71 0 R/Info(sRGB IEC 61966-2.1)/
OutputConditionIdentifier(sRGB IEC 61966-2.1 Default RGB color space)/
RegistryName(http://www.color.org)/S/GTS_PDFA1/Type/
OutputIntent>>\rendobj\r73 0 obj\r<</Contents 74 0 R/MediaBox[0 0 595.3
841.9]/Parent 2 0 R/Resources<</ColorSpace<</DefaultGray 75 0 R/DefaultRGB
76 0 R>>/ExtGState 77 0 R/Font 78 0 R/ProcSet[/PDF /Text /ImageB /ImageC /
Imagel]>>/Tabs/S/Type/Page>>\rendobj\r74 0 obj\r<</filter/FlateDecode/Length</pre>
J$\xe5$\xcd!\x8f\x16-`\xa0A}\x0b\x8d\xa0A\x11\xa7\x81\xd5G\xda$\x97||
A\x81\x92\xb8\xa4\xb7\x87B\xa7\xa5F\xbb\xc3\x9d\xe1R\xf0S,>\xfd\xf8\xfc\r\x
8e\x8e\x16\xab\xd3\xf7g\x80\xc7\xc7prv*\x16\xef\x10\xb6\xbf\x04\xc2V,
\xde\x12\x10\xc1\xfaF\xac\xef\xc5\xc9Z\x10
\x10X\x94\xb5\x06kPj\xaba\xdd\x88\xcb\x99CG\xb6@\xa9\xac\x7ff\x0e\xaf\x8b
9J]\xe9J\xeb\x99\xc3C\x1f\xb5\xaf\xca\x99\xc3\x87\x18\xb8+\xe6*\xc3?
\xfb\x08\x97\xfe!\x9f[\x15s\x92\xdd\xe7\x88\x98f\xdc\xf8\xa8j?
\x9f\xb9\xea7\xcb5g\x91ShB\n^rS\xcc\x95\xecH\x1d\x16$C\xb6\xa48\xff\x08\x
91\x18\x8f\xab\x9c\xab\x9d\xee\x05\x83\xdbm\x11o\x1b\x11=\xa9\x0e\x1a\x93z\
xf0/0\xcb\xc6+5\xc0\xc2\xa4\xad\x1c\x1d\x84\xd8\xc5\xe2\xf8n\xc5\x14\x
9a\xa4\xd5\x9e>u\xdbLE\x0e\x0c\x03$
\x 3\xf6\x8f\x8d\xe2;\x99\xae\xe5Z\x07\xf4\xe0\yA\xbd\xb2\xcf\x1eZ\x9a\xd2T{
x9a\xc7\xe9qd\x93\xe4\xb9b5\x12\xffMTIF\x16\xba-
x18\xff\x82j\xff\xa4\xdc\x92\x02m\xeb\x10m
\xd4_n\xb9\xafG\x1f\x8b\xd8\x94\xa5\xdf{\xa7q}X\x1e\x13gf\xbe\xef5\xe0m
SDn(xe1)xfe(xa3)x8b(xb8)x8aS(xc5)x06(xd6)x1f(xc4)xf9Z(x9c)xafN(x93)xf1Da<(xex)xex)xex
xe5C\xa8\xf2\xe9\xbb\x19\xd4\xcf\x92\x176?
b9\xde\x8f\x90\x80\xe3F\xb2\xc6\x86\x8b\x90N\x11\xc6\xf1w\x9f\\
\r\x1f\rA''\xe1\x94\xf1\xf9\x81\xcb\xf4K\x84\x8f\x87D\x13\xbf\xe8\|U\x1a\xa6$
x9fx8exf7xfbx06wxd8vxdb:
\xbe\xbb\xdb\x911\xcbfl\xc2<\xe6\x96\x8f\xfb\xcc\x92\xaf<\xde\x1f\x06\x95^
\xff\xdb\x99t\xc0\x8dy\xf6\xf5\xb1\xf7\xa5\n\xbe
\xf0\xcf\xfdV\x10\xdc\t\x84\'A\x08+q\xb9\x01\x84\/\xc2,e\xa9\xc1*\%kh\x84VZ.
d0\x08w\x82\xe0\x89S*_\xa2\xd4%&Y[\x1d\x11\t\x0b=\x15S\xd7\xfeHu\x95\x93
p\x80\xf7T\xf8Q\xadB}
O0;\xaefI\xb2\xea\xff\x18J\x8c\x05\xb9v%Rb\x8c\x115\xf3\x03@\xb6\x98\xd3\
xe4]\x94\xde6\xe4\x94j\x13\xd7\xc1Q~\x01\xd9\xc2Alnr\xca\x17\xe1x3\x89\xcf
xf2\xe7\t2\x06|
```

\x02\x8e\xaa\xab\xa7\xd555z\t\x9bA\xcb6\x1e\xb45Vj\x15\x89\x9b\xc6\x1d~\xb

f\xcf\xcc\x1e&\x06%\xaa\x98JX\x18\xb8TF\x9a\xa12\x8fz\xf0\x0b. \xb3\x93.\xab\x96R\x0f?\xa6\xaa\xf2\xd2w\xc7\x9eO\xad&\x19&|

 $\xfa\x814^\xdc\xa2\xe6\x16\x14L\xfff\x0e\x8c$

```
\x1c\xb6VJG\xbcf\xf3x\xec\xef2\x19g\xcd\xde\x9f\xb8\xd4\xc2\xae$V\x84sN\xd
2s\x06\x0f\xccCp\x01\x7f\x00\xbe\xe5\x91\xf7\nendstream\rendobj\r75 0 obj\r[/
CalGray <</Gamma 2/WhitePoint[0.9505 1 1.089]>>]\rendobj\r76 0 obj\r[/
ICCBased 85 0 R]\rendobj\r77 0 obj\r<</G0 84 0 R>>\rendobj\r78 0 obj\r<</F1
79 0 R>>\rendobj\r79 0 obj\r<</BaseFont/Carlito/DescendantFonts[80 0 R]/
Encoding/Identity-H/Subtype/Type0/ToUnicode 81 0 R/Type/
Font>>\rendobj\r80 0 obj\r<</BaseFont/Carlito/CIDSystemInfo<</
Ordering(Identity)/Registry(Adobe)/Supplement 0>>/DW 507/FontDescriptor 82
0 R/Subtype/CIDFontType0/Type/Font/W[2 [226.078 578.609] 6 [543.953] 9
[615.234] 15 [623.047] 20 [519.531 420.406] 24 [854.984 645.516] 30
[516.609] 38 [641.609] 45 [479] 48 [525.391 422.859] 55 [525.391] 59
[497.562] 61 [305.172] 93 [470.703] 95 [525.391] 98 [229.5] 104 [454.594]
108 [798.828 525.391] 111 [527.344] 114 [525.391] 117 [348.641 391.109] 124
[334.969] 134 [525.391] 136 [451.656] 311 [249.516] 314\n[252.437] 336
[303.219 303.219] 399 [506.844 506.844 506.844 506.844] 406 [506.844]
1140 [229.5] 1895 [641.609] 2241 [525.391]]>>\rendobj\r81 0 obj\r<</Filter/
FlateDecode/Length 437>>\rstream\nx\x9c]
\xd3\xc1n\xa30\x10\x06\xe0\xbb\x9f\xc2\x97J\xed\tl\x83M\xa4*R\x0b\xa1\xe2\x
b0m\xd5\xf4\x05(LR\xa4\xc6X\x0e9\xe4\xedW\xcc\xeff\xa5=D\xe8\xb3\xcd\xf8
\x1f\xc7du\xd7t~Zd\xf6\x1e\xe7aO\x8b<L~\x8ct\x9e\/q
\xf9E\xc7\xc9\x0b\xa1\xb4\x1c\xa7a\xf9\%?
\xb3\x0f:N\xe7\%^\xe5\xfd{\xd3~\xc6\xd9}
\xc8\x91\x0e\xc[\x1c)N\xfe(\xef\xbb\x91\xfc2-
\xd7\xdb\xd4\xfe\x12\xc2\x0f\x9d\xc8/2\xe71\xf2\#?
xf3H\xe7\xd0\x0f\x14\x7f$
\xfc\xb7>\xd7\xf9\x96eX\x85\x82,\xa4\xa1\rT@-
T\xb1T\x01=C\%TC\x15\xd4@\xa9\xca\x0e\xda\xb1J\xec\xae\xb1_YB\r\xcb''\x8b\
```

xc9!

d1\n2\x90\x83\x90\xcc<C\xa8bR\x15\xcb*\x93\x1c\x84\x1e,z\xb08\t\xbb\x81\x9 0\xda\xa2#[C\xe8\xc1\xa6*\xe8\xc1\xa6*-

\xcb\xa1\x8aCG\x0e\'\xe1\x90\xda\xa1?\x87\xd4\x0e5\x1dRWi\x0e\xa9+

 $\xec\xee8\xb5J\xfd\xe9\x1az\x82xwU\xe2\t\x05\xe1\$

 $4\xf7\xa0*$3\x9cEm\xb0\xd2(\x08+\x8d\x86\x90\xda\x18\x08Y\x0cW)$

\x1c\xfe[\xcb\xbb;\x8b,\rk\xbdf\xab\xda\x9ao[\xbaU]

 $\xf1\xd6\xcf\xe7v\x95\x87K\x8c\xe4\x17\xfex\xf8\&\xafwx\xf2t\xfb\x10\xc3\x1c\x$ d6\xb7\xf8\'\xee\xeev~\xfcHS\xab\xdeZ\xf1\x179\xbe\xef\x1f\nendstream\rendo bj\r82 0 obj\r<</Ascent 750/CapHeight 642/Descent -250/Flags 4/

FontBBox[-489 -258 1147 1014]/FontFile3 83 0 R/FontName/Carlito/ItalicAngle 0/MaxWidth 854.984/StemV 87/Type/FontDescriptor>>\rendobj\r83 0 obj\r<</ Filter/FlateDecode/Length 11915/Subtype/

CIDFontType0C>>\rstream\nx\x9c\xed]g\x94\x9c\xd5\x91\xad\x9e\xf8F\x1a\x8d \xe2(k\x94\t\xdd"\xcb`DN"\x180\x06\xba\x01\x81A\xc6\x88\x9c\x0c\x180\xb1E\ x86\xc6"\x83I&\x18!

\xdcM0\xd9\xc0\x9ah0I\x08\x03\xdd\x08\x94s\x1e\xa5\x91fFajO\xdd\xaa\xfa\xb

```
e\xb1\x17\xef\xd9\xdd\xc3\x8f=\xbb\xfca\xee\xd0\xd3_x\xa1\xc2\xad[O\t\xaa\xa
8\xa0D\x05\x11%
x88xa8\xeb\x81\xe3\xce\x1dw\xc1\x19\xbf\xdc~\x9b#\xc7\x9d\xf6\xeb\xb3\x7f
qA\xfc\xd1\xee-\x03Z\x1ar\xb5\r\xfd\xc3\xbb\xb5C\x1aF\xdd~\xf2\x1b\'4\
\2j\xbf\xdbZ\xaf\xa9l\xe8@\x03s9\xfdomu\xf3\xae\x9d\x9b\xef\xed\xc0\x
e6\t\xb5\xc3\xfb_\xb0u\xed0\xb9\x87\xdd\x80\x88\xfa\x10\xd1
"\xda\xea\x9fo\xe6\xbf\x1f\xb1\xff\xe8\xa3/8\xef\xdc\x83O\x19\w\xeeEg\
\xf4\x1b"\xa22*\xa7*\xaa\xa1\xce\xd4\x83\xea\xa97\xf5\xa1\x06\xda\x82\xb6\xa
1\xedi\x07\xda\x85v\xa3=\xe8\xe7t\x12\x9dL\xa7\xd3\xd9t\x0e\x9dG\x17\xd0\xa
f\xe9b\xba\x82n\xa0\x9b\x12\xbb\F\%
x8eH\xfc,q[\xe2\xf6\xc4\x1d\x89;\x13\xf7V\T]
Zx\xa7\x1c\x0fD)J\xf9\xc3U\x13Q\'\xa2\xc4eD\x15\x1f\x10UM\%
\xspace \xsp
exd1\x0e\x8f\x11\x8d|
x91hxe7xa3x89Fxd5x12xedxd1x81hxcfxb7x89xf6?
\x88h\xf4\x95D\x07\r!:x,\xd1O>!:\xec\x15\xa2\x9f\xfe\x85\xe8\xc8\xbd\x89\xd2-
x83\xb2T\xc74W\xfe[\xb6o\x96\xb8l\xaf\x1d)W\xcf\xfc\xc6\x96\x94\xabdn\xd9
\xy = \xy 
c%\xe6\xcd\xe32L\x95\xd3\xe5\xe3\x8f\x8e \xa6\x07\x0e\xa5Jnk\x1e\x83k}
4\x99\x980\xdd\x81*\x99\xdbj\x89y\xc3%\x19\xfd.oIH0oxL\xae\xff\xd7B\x88!
s\xeb\x9d)\xe6\xcds3\xcc-\xd7fr\xc1\x9f\x8bV\xbdF\
\frac{(6)xfe}{x01}
d3^{xc7}xad'nK\\x9c(;Ln\\xbd\\xe9\\xcd\\x02S\\xf5\\xe7d\\xa8f@\\xdaP\\x873\\xf3!
\x86\xcc\x9b\x16g\x98:\xee&o\xd5\x8d\x98j;
\xa6\xedc^\xfbX\xc6P\xd3\x83\x8e\xd6\xdd\x93\t1\xd4o\xf3\xfa\xb9\x05\xfd\x
b6\x8cc\xd0\xc7hk\xdb\x9e*\xeb\xb8l`\x96\x98F\x1fA\xb9\xfa\x9c\xbf\xc9{\x9
3\xf1&\xc3\xdf\xcd\xe7\x98\x06]\x9ae\xde4\xa2\xc4\xd4o\xdb4s\xcbq\x85\x10
C(xa6(x9e(x87(xa6(x99(x9b(x1a(x0bL)))))))
\xcfL3\xaf\xbeV>v\xc8T\xfbA\x91\xb9\xf1lb\nC\xd3\xcc\xcb\x8e\xce\x84\x182Ut
\xcd3/
~\xa2\x94c^\xb0.\x13r\xcc\xab\xc6\xca\x8b\xfe\xa1\xc4\xbcj\x86\xcd3\xaf\x1e\x
e3\xf3,\x90\xb9eY\x96y\xcd\x95\x05\xe6\xf5\xb7e0\x0c!
x86\xcM\r\xf2\x9f\xf7\x89y\xf53\x19\xe6u\x8be*\x1d2\xaf\xecV`n\x9e^`^~)1
xb7\sim.0<|xe2wy|xe6|xe6|x9d|x89i|xf0C||xe6|x95?K1|xf5|$
\xcf\xbc\xe8\yb\x87L\x1d\x7fZd\x9e\xf5\xc7\xfc\xf5z\x92\'\x9e\xff\x94?
\xe7\xa2>d\xcf\xb1\xe4\x16\n1d^\x93\xcc0/\x7f\%
\xcb\xbc\xe2\xfd\x0c\xf3\xcay\xf2\xb1C\xe6%\xbf/
1\xo(x) 0 = 1\xo
c6\x17$\x8bo\xcb\x91\x98\xa0cg\x12\'\x86\xb6Q}\x8ey\xc8\x912sW]
\x82\x0fz^L9\xa6\xee\x07g\x99\xca\xbel2u\x19@L\x95/\xa4C\x0c\x99:mGL\xd5
\xf3\x8bL\x1d\xf6!\xa6\x0e\xbd\xe4c\x87L\xd5W\xe4\x99j\x07\%
x99*xfe\\x9cf\\xaa\\xdb\\x9aB\\x0c\\x99\\xcaNH2u\\xfeE6\\xc7\\xd4\\xe5\\x01\\x19\\x07\\x07\\x07\\x09
```

o2\xfef\xcaU\xe6\x98\xf6\xcc\xca.9\xed:< \sim \xfd\x94\xb4< \sim G\xb9\xcdsY\xa6.\xa

x1a4;\xcf\xbc.\x9fb\xea\xdb!o\xf3\xdb}\xa4\xace\x87\xcc\xb3+

 $\xb2L5\x0f\xa4\x99\xbfz\xa9$

```
3\xf3L\x95\'\xc9\x038d\xeat\x8d<\xe4i\xf2\xf8o\x12S\xcd\xf9\xf9\x10C\xa6P\x
97e\xeaxJ\xf4\xd7\xc7\xca\xc7\x0e\xed\xbauSd\x81w\x19\x9d\x97\xc7\x1f~^\x9
ay\xdd\x97\xb2\xce\xcf.2/\x9b\xa4K:\xc4\xd0\x1e?
\xbc\x9cd\xfe\xea\x17\xb0\x02\xf7t\xc5\xe3\xf3\x16\xafb/\x9d&\x86kt
N\xec=\x19\xb32\xe5\x8b\x82-\xd7\xafv\x91\xd5\xfb510}\x08\xeb\xd1
\xf3\xf2a\x05\xe6\x99\xa3R\xcc\x0b/
\colored \
9\xd5\x9d\xe8\x8f4\xe4H<\x92m\xe5\x19\xcfbDS\xbf\x977\xdd\xf2\x13\xf9\xdb
\xfdKLC[\xd2\xcc\xabn\x96\x95\xef\x90\xa9\xe1=\xbb\x13\xf5\xf9m\x9ey~BV\xeq
beC\xa6\xee\xd3\xd2\xfa\x9cX\x00<\xf5B\x99\x0f\x87L\xd5=\xe4-
\x0f\xcd\xe6\x98?\xdfB\xd6\xef\x13\xcf\xc3\xa6\xd0\x96]\xdc^\x0fY\x92\xd5M!
\xb7\n1\xd4\xcdL\xcdV\xd4\_!
\x1f;d^x6\x9\x6\x17\xe6E\xfb\x16\x0cC\x0c\x99\xe7\x1f]\xaal
8\xcb<\xe7T\xac\xaa\xcb\x9f\xc1\x18\xb4uj\x921\xb8\xee(\x8cA\xc3\xfd\xb2\xaa)
a\xfa\x15\xd2\xfa\xb7\xd4\xfb/
i\xbT\x04\x99\xea\xb7\xca\xdb''\xebz\xb7\xfcz\xa4\n\x87\xb6\xe8\xe49u\x915
\x97U\xe5\xd0\xb6\xc7\x90\xb6\xb4\xbeu\xa8\xe3\xb2\xf3dE$
\xff(x04W)xf6(xe4D<Ubh)x858(x8700)xd6g(x9c)xbel(xbc)x81
f(xb3v)xdc(xf1)xfa(xd9)xdc(xe3)xa9(x92)x13;(xfd^)xbf7`b(xbb)xcf(xe0b)xea(xb8)
xacZ\xcc\xf7=g\x12\'\xce8Z\xb6P\x9fS\xf0\xb25\xe7\xcb\x84\x8b\{\xa1\xc4\%
\xc4T\xb5]\x9a\xa9\xacQ^\xd6\xa1m\x07<s\xc5\x84<S\xd55\xf26\x13o$
\ad \times 3 \ad 
\xf9K\x87fE\x12\xb9\xa2\xde70\x1d:\x02\xeen\xf7?\x11\xb7-
x7fH^x10\xceh\r\x89\xceh
x1exa9[xc6xbcxd6x86aXGxadixe6rx1fx17tx88yxddYx05x:
\xe6U\xb5\xb2H?\xfa\#q\xdb\x94\#\xe4B\xcf\xc6\xa5\xd7\xed+
\x01AK\xbf\x14S\xe2\xe5\xf3\x86\xa6\x0cS\xf9Y\xb20\x1c2o\xdc\xb1\xc4T\xf1\
x9b"\xf3\xc6_I@p\x93X\xa3L\x0fb\xda\xbcX\xae\x85\x1b\xca\x0b\xf2\x86\x93\
xed\x05\xb9uC\xc6^0\x82\xcc\xeb\x9b\xc7\xeb\x0b\xf2\xda\&\xac\xb0Y\x07\xe
b\x0cM\x0br\x9dIC\xda\xcf\xde\xb13\xf5\xb3E\xaf\xcb\x0c%\x9e\x90\x19zhob:
\xe4e\x99\xa1\xe6\xd4f\xbc\xfc\x13Y\x06\xcf\xdd\xf5\x1d\xdd\xfcQ?
\xf9jy&K\x9c\xb8\xefUbZ2O\xbeZ\xb1[\x1a\x01\x08S\xf9\x97Is\xc0xQ\xb8\xf5\x
082\x95g\xe4\xe3*\xf9\xc3}\xd2\xf0vA!\x85\x8b\xf3\xfa1\xbc0\xbe"\xcb$
\xc4\x90\xa9\xfc\x8fY\x9bw\t\xab\xa8zk\xd9\x04so\'N\xdc\xdcU\x9e\x12\xff\xb
7\xaaD\xfa@T\xb1E\xd6VP\xe2\x128\t\x83\xb6\xd4\xe8\x8d,\xae+
\xebb\x9fs\xe3\xc5\xcb\xfc\xfc/
```

 $ua\x7f\xb5\x1f\x89\x0f\xa8\xba\&\xcfD\{\xca_\xef\x99d\xa2+$

 $\xe5\xde\xd2\xd2\xd1\x1dE\xb3\xed\xf4d\x1e\xef\x10\x98\xfb2q\xdb90$ $xc9\%epx\xcd\xa4\x0c\x16\x08s\xebQ\x05\xac:$

\x99\xb2\xb5\x87c\xe1\xc8o\xf2i\x82\xa9\xeai\x1fN\xb8\x07\xae\x7f\x948q\xc7 4yE\x04\x99+_\xcb0\xd1\x06B,\x92\xc3WC\x8e\xdbR\x7f\x89\xd6a4qx1}

M\xdd-\xcc\xfb\xcb\xa8\x8c#\xe6\xb6\x9b1*\x06\x99*\x8eH2o|

 $\xeq\xe4\xf3Y\xe92\xe9Yp\x15q\xdb\%gSe$.

\'\xdb\xfazY4\x17O\xd2\xe0\xb2\x1e\xb3\x91S\xbf\xcd\xdc\xb7d\xf1n\xdb\x8f0\x $ad\x06\xed\x16\x1b\xbf\xf1$

 $\xb8\xf5\xcaL\xe0\xc4\t\x8f\x13\xb7\r\xaa\x94G\xe6\xe32\x16r\xf2\xb9)\xa6\xea$ 7\x92\xcc|\xad\x0c\xed\x932\x8c\x0e\x99\xf9\x9d,

```
\x0c\xbaNJ\xc8q\xe2\xdd\xe7\xe4-
```

 $k\xd1\x9e\xeeD\t\xcd\xdb\xfep"qb\xe6ure\x99M\x9d\n\x99k\x19\x13\&:*\x8d\xab\x87\x182\xd1\xd6y\xbcYN\#\xb7\x1c\xb7\x8d\x9a\xfd\x1f\xa7c[\xac,$

 $\x8cd\x85\x8c\xe4\xa3\x13\x89i\xe5\xbe\xf0\xc9]\xde\xfc\x8f[\xf6\xcf\xf5\x98\xbe-\xbb\xc8\xf4\r^\x99\xb5G\xef?$

 $E\x03\xba\x10C\xa6^S\x93\xba\xc4\xa8\xdb\x9c4s\xe3[\xf2\xb1C\xa6\xba\x1el\xe6e\xf5\%$

 V^{\t} xb1R\xec\x9cC\xe6\xc5\xdd\x13f\\

j\xaeB\x1d\xe7\xe4\x99:\xfeYf\xc7!SX\x9bg\xea\xc4i\xa6\xaaJu\xa4!

 $\label{thm:colored} $$ \x86L\xe5eE\xa6\xae\x8b\x10\xdd\x84\xa0q\xeb\nbn\xfaU\x81i\xe0\xdf\x8b\xcc\x8b\xe7e\x10l\x87\x182O\x7f\xd6\xe3\xee\xcf\x7f\x93i\xf7\xf8m\xad\x9f\xc0\x95\xef\xd3\xe7U\xb9A\xaf\xea\xa2\xda~\xeaql\x1aO\x16b\xc8\xd45Ud\xaa\xbd)m\x8f\xdbe\x80\xbc\x88C\xa6\x0e\x7fL2u\x1fXd\xaa>\x8a\x98z\x0e\x91o;4\x0b\xd9\xfbLY-}$

 $\x 9fO\xcb\x06\xb9\xfe\xc9\xf6\xa6\xff\xb21b\xd1\xf8\xdb\xf9\x04\x07\xc7<\xe3$

= $\x<0.03\xf9\xc1<$ $\y<0.05\x84\xfa!$

 $\xc9\xe8\xd0k^\x14A\x9d\$^{IA}'\x8e\x9bk3!$

\x86:\xc5\xbc\xf1\x86\x94Ny\xa8\xe3\xc4,Y\n\x97\x8fC\xb8\xd5|

 $3\x8c\xc4\x95\x19\xa6\xc4ai3<e\x0f\xc8\xab:\xb4\xe4Z\xe2 n;)\xe3\xfeD\$

\x07\x8d80\xcc\x84&\x94\x12\xa7\xac\x9dU\xd2\xfc@\xf3K<K\x04-

 ${k9W}x12\xd3\r\x05\xcb*\#h\x9bS\x8c \xaf\xae*\xe0\xb6!$

 $\x86\xcc+o+0\xb7]\x94bn\xec\x8d\x1d\xba\xe2\x02\x99\xc6\xc6\xbcdp\xd7\x17\\m8*;\xca\xc3;\xd4\x1c\x82\xaa\xa70\xf3\xdaOd\xcd\xde-$

\x18\x03\xa0\x93\xe3\x90\xb9\xf9\x90\x92\\xdc\xf2\x0c\xf9\xb7\x1d2\xb7\xfc. e\x177\xeeg\xc30x<\t3%

```
\label{thm:linear_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_continuous_co
```

\xb3\x14.\xff\xb0C\x88i\xe4\xbf\x89\xb1\xad;R\xec\x00\xb8\x04\x84\

 $\xc4\xd02h\xe1\x0fa\xdd\x8c\x07sh\xbb{\xfd\xe4\x92E\x90\xeb\xce\xc2\x120\xc8\xbci\x1fYE;$

 $\x89\xd7^\xb3A\xa2\x0e\x18\x06^\x0bE\xe6u\x99\x92\x856j\x9f\x1c2U^X\xd4u\x84`YVX\x88\xa1\xd1`X0\xf2^\xbcy\xb7B\x88\xa1\xb20\xdc\xf6p\t#\%$

 $\x86\x16\xe4\x80*\xe8\xfc(a\xeb\x85\x182u\)\xef\xb6>\x1cF\xcc\xf3v\x90o; \xd4\xf9\xe7Y?\x17\xaeo\xda-$

b\xf9\xc1\xbc`\xb6d{\xab\x84\xe6I\x10\xe2\x97\x10C\xe6\x15?

 $O1u\xb9>i\x19@\xfdV\xf0\x19\r\xc4\\\\xbc\x1e\xac\xf1\x0b\x05$$

 $x82jMx91\&"\xbb\x08\xcc\x1ff\x10K\q!$

 $q(xe2)xd16(xaag^(xf0)xb8(xdcq(xf1gY(x90e)x1b)xc9)x9f(xd3!)xf3(x8a?)$

 $\x19\xf5\xc1+O\x95W\xdb\x19\xe3\xd3\xe7\&\x99T\xa4\xc6\xcb\x84J\xeer\xbe\xd0\xaa\xbf\xcb''\x86bn~Q\x06\xd8!$

 $\frac{5\xf7\xe7\xf3\x16\xfe\xd7_\x01C\x91Z\x83p\xf6\yR\x8bO\xbd\xcewo\x1eA\x8b\xdb\xdb\xb6\xab\xc9+\t\';k\xd7\xd5i\xcd\xd7)\xf9\x84\x10\y\xc9\x02IV\x88!}$

 $\label{thm:linear} $$ \frac{x_9}x_11\xb_7\x9c\xd_3\x91\x8e\xcck\x93\x19a\xe_3\xfa\x1d\x9a_G&\x85\x84\xb_7\xe_2\xcf\xe_2\xfb\x1c_2\xaf\xbf,k\x1f\x0b\x11l\xdfv\xc8\xbcf\xafT\x9c\xe_3\xc_9=\x97\xf7\QS\xd_2\x11T\x87\x8c\x01\x8e\xf3\x9a\xa_3\xc_9\$

\>8\x0c\xf0g\x11\xb4\xbfY\xb1\x93\xbb\x1a\xd8\xd4\x082o\xde\xa2\x04\x8a8\x 07\xc2J\xe6w\xde\x98\x82\xc6\xc4\xbc\xf0\xc6\x94\xc6\xc9\x16!

9d\n\xb9\xac^\x94:vM\x1b\xfd\x17A%3\xb9\xe9\x84\x92\xed\xc3\x96\xaahK"\x fb\x97\xc0\x9d7\x95\xa7`\x1ar\x9a\xa7\xe4\x98:_,\x96\xf9Wn\xae+

 $\xe6F\xe6Z\x12G\xe5\x7fa\x99\xc1\x11 Y\x8b\xa0\xd9\r]$

 $Z{\xb8\xa5\x03\xbc\xae< k\xbf\xae\x7f\x8dB\x0cm\x16\xc0x"+j\xdd\x80P\xca\xf3\xaa\x0fS\x1a\x14"j\x90\xaaG\x88!}$

\xf3\xca\xe6\x92\xa6\xe1>\xf3\xf3\x13\xe2\xe5\x16\R\x00?

\xc4\xbc\xe8^\xc2\x00\x87\x182/\}Wh\xe8\x90\xd4|

 $\label{thm:linear} $$ \x86L\x9d\xde.2\xf5Y\'\xb1AW\x02)\x1ebh\x16\xbekY\x92\xa9\xef\x8d\x12*\xfc Hf\xc1!$

\$\xc3uY\xa3\xed\x86\x8c\x87\x85\x17C\xcf\xd4\xffry\x9e[\$\xc8^\xb0xC\x0c\x9

```
9\xea\'\xe6u\x04\xd5\xd6/\xbfT\xde\x13\x15\x0c\x99$sA\x89\xbb\xa6
```

 $\label{thm:linear} $$ \operatorname{l}(x) = \frac{x9b}{x0ba}xffW\\x94\\xa7\\x0c2o\\xfes\\xc1(8\\xb0\\x0fU\\xdb\\xc9\\xc7(\\xb4\\xec:X\\xa6]<\\x07\\x06\\x9a\\x97t"\\xe6\\xe5\\x87g\\x98\\x17\\x1eT@p\\x1cb\\xc8<w\\x172\\x8f<s\\xb8N\\xdcF\\x998\\xf8\\x1b\\x10wK\\xab\\xa3\\x18\\xd8\\xa1\\xed\\x1c\\tW5\\xf4\\xeaq\\r\\x85\\x18\\xaa\\x11\\xa7>\\x97\\x16\\x91-$

 $\label{thm:convention} $$ \x96\xe03^*\xcdT\xfb\x82L\x9cC\xa6\xfe\xb7_m\xd4\xea\xc0\x85\xe0R\xfb\xb7\xc8\xf6\x11\x8aZ\xf9L<\xf8\xfaq\x08\xf7\x0c2u\x1b\x957\xab\xd6\ym\x1aY\x84\xe4\e4ea\xebv1\xc2\xe6\x83\xf32\xe0\x9f\xbe\x81\x10\xee\xc4\x99\xc4\xb4g\xb9\xe4\xb9\xb9\xe5\xd7\xab\xe5\xd1\xf7\xce\xa3\xc2\xc3\xb1p\x9d\$

 $jZ\xcc\x9b\xfeXb\xea6\x01\xc1Wb\xb5\xac\xfc\xca\xdd\x88\x13\xf3g\xc8\xa8\xf5\x9f(\xfb16\x9crE\xd8D\xca\x159\xd4r\x02\xf2\x10u\xd3+$

 $\xde\xcf\x84\x18Z<\xae\x89\xb0<\xd8\x82\xc7\xa3g\$

 $\xf0\xb8\'y\x92\xe7\xa0\xf0\'/\x0ef\x13\xd6\xabyp\xca,$

 $\x 65W\xb8\xcb\xe9\x90.2\xaf\xb8\xa1d\xc9\#\xaa\xaf\x11d\xea\xfcRQ\xcd\xb3.\xb8\xa96g\xe4c\x87\x96\x9e\xa3\x12/$

 $UH\xcdIrf\xb8\xb4hxh\xde\xfcu\x04\x99:\xf5MZ\x81\xa1\xc3\xa2\xbc\xbb\x1c\x87L5;\xfa\xc7\xa0\xa5\xf5\xdb\x0e\x8d\x9a\xc2\xc5+o\xc2\x9e)$

 $\xbf[\x964\x86\x60\xc8\xf5\x95\x87uh\xc4\xe4\xe6f\x8f\x046\x8f\x8b\xe6\xce<\x920\xc8\xf0;kO.\x99G\x92\xa2\xb6y$$

\x87\xcc\xab.*\x99GB\xf4\xa6\x1e\xc9!

 $s\xe3W\xee\x91\x1a\xf7\x8d<\x92C\x8b^1\xa7\x8do\xc1\xb0\xcd\xfcTf$

\xce\xa9\xee\x91P}S\x8f\xe4\x90y\xd1WY+\x89\xa1<Y?

1\x1fb\xc8\xbcjp\x16\x89\xa2\x92\x174\xf0/\x88\x7f\x0cZ\xfe1\xec\x161I[\x1f\x8 3\x1c|\xf0H\xb2\xdc\x7f\"k\t\x7f\xff)\x14b\x88z\xa9%\x11\xddOL{q\xcc!

 $\frac{1}{xfb} \times \frac{1}{xfb} \times \frac{1}{xfa} \times \frac{1}$

x1ax178xe4+Lx12rxe7wxa4xf0+

\xa5\xf4\x1c\xf3\xeccJ\xb6\xdb\x17\xbfV\x80\x05\x081d^}

 $n\x89y\xd6\xca\x82Qj\xffT\xe8\xed\x8a$

 $\x94\xeq19\xe1E\xd7\xa7\x8a\xaa\xe9PR$

 $+ie\t\xd4\xa6\x9a\xa2\x1cS\xcdT\xf1\xde\xdb\x15\xacr\xdfvR\&\xc4P\xf7\xa6\xba\xf9\xf01\xf9\xf2Fx_\x0c^uP\xc7-$

 $Q\x81\x86\xd7\xc2\xef\xcb\%C\x0c\xd5\x911\xdfW\x8a\x8alk\x8e\x96U! $$ \x86f\n\x08\xb57\x9d\x95\t1d^\xffD\xca\xf6\x19\x12\xf9\xe6\x9b3!$

```
\x86\xf6I\xd37%
```

 $0\xfe\xf2\xb8\xcd]q\xab\xd9\xa8\x82)\xd9(\x7f\xc5+$

 $\x1\x10\xdbjeL'\xff\x98\c+\xcdG\x1b\x83\x8fX\xb2\xb3\xb8Q)$

\x1a\xe4|\xaf\x081\x84\xb29\xd8 Y\xb1!

 $x0bW\c2b-K$

\Y\xa8j\x19\x08\xf95\xc4P\x87\x8c[\xeb\x85b\x91\x9a\x8f\x8d\x84\xd6\xb4\x1

 $0\x91aui\xda\xe0\xd06\xee\xc6\xc6\x0c\x88(\xb7\xe1\x0e\xb5\xea\xa0\xab\x14\x0e\x8a\x8f\xcb\x84\x18jP\xc3m\xabS*61\x07\xe1\xd0>\x16-$

 $\xopta fM\xc7B!p\xofUK\x8b*)\x81A\xb6J\x91C+$

 $\label{thm:linear_continuous_co$

 $9\x9b\xffV\x92\x84\xfdjs\x83\x15]\xf3!\x86\x96\x1e\x95\xad`M\xba)\xf1q:$

 $\xc4\xd0\x14\xc4\xd0\x06\n1\xd4\xb0\x88\xe8\xf3\xb4\xf1\xf7\xf4d$

D(xe5)xc3+"(xcdD)x0c(x80)xb0R+(xc6BN)xab(xe1)x86(xe1C)xbd(x05D)

 $SC\&\xc4P\xd3N^\xfd\xae\x98\x8b\x95\xa7\xc2\$

x80xa2x84xf9x91xa2xa7x96xc0xd7xcfx95

\xeb\x90\xa9\xfa\x8e\xac\x95\x18\$

\xa8Wg\xad\x80\xa6\x95\xb6^\x14b\xc8\xbcx\xcb\x92qO\xb3\xcf\x86\xa5\x98\xd3]\xf2\xaf\xc5\x97\xa7\x98\x9b/r\xe7\xd1\xb8\xc4\xbf%P/

\xdeA\xb8\xadj\xd84\xa9{)M\x8e\xe8\n\xab\xaa\xe9W\x85\x10C#\xbb\xd6m\xce\xdd\xaf\x1e<\x82L5+\xf2\xea7\x94\x9c\x05\xb1\x1fA\xa6N\xf7%

 $\xcdHw>4\x1f\xd3\xe4\x07$

 $6\xa5\xe7L\x17p\x80r\xd5\xd2\x8bCc\x8eQ\x86\x83\xddX\xb5\xb3\xbc\x8fC\xa6\x0eeY+\xbd@\x7fb\x84\xdf\xd3\x9e\tB\xb3\xe8\x98\$

 $\z\x9929\x8a:r\x9c\xd8~\D\x83\xc2\xa9\x9f\x11E\x9b\x16u\xbaO\xf3-$

\xa4b=\xf0W\x18\xbeY\x03\xe1\xa7\x17\xdd+\x01\x15\x88s\x84\xd0b\xd9%

```
\xe0\x0e14?
```

 $\a3s*\x84\xf4\xb2\xabd\xd1\xb4=\xba\xa2]\xe8C\x0bd\x88\x7f\xf4\x8a\x0c\xb1\xa4\x96\xa7'\x88\x133n\x11\xb3\xd36\xe4\xe2\xf60;$

 $\x 3\x 96h\x f 8mO\x d c s T\x 18\x 10\x e 0\x a 2p \#\x 82D\x 15, k\x 9c\x e 1\x d 0 < U\x e b $$ \x c b W \x b 1\r 1\x b 4 \t\x 81\x 0 e\x f e\x 1a\x e e 9\x 82v]\x d c\x a 1y:$

 $\label{thm:linear} $$ \x96\x60\xfc0\xd1T\xe2\xd1\xbc\x89L\xca\xf7I\x87\x18\x9a\xc4\x1c\xc41\xea $$ (UE\xd0f]V\x84\xe9\xb7\x8f\xf2\'\xd6\xe2\x19B\x8d\xea7\xaf\x92Rr\xce\xf4Vr; \x15\xc9AY\xa1\&\xc0\xa1\xf9\x88\xaas\x8a\xce\xaa\xde\x14iU\%$

 $\frac{x65}\xfax\xe2\x08Z\xe8\x8e;\x84\xa1\xb0J\xf2\xc3\xf8\x0f} \x9e\xa3|t"h)$

x8dxf0x05**xd2xb8xcaxa11vpix18x15Mxf2x1dxfaxf8xf5x93x8d.

\xdb\xb5\x8e\x13\x1f\xc8\x8a\xb8\xfb|

\xd3rl<\xb7\xa1)\x13bh\xc3\x08\x87"\x0fo\xa3\xfcH\x81\x98\xbb?-

\x8f\xf1\xc2\xb7\xed\$Tp\xcb\x89\x1f\xdb\xad\xc4\x95\x85\x18\x9a\xb5\x03y\x86\xd4Q\xbb\x1b\xae\x94\x95\xf9\xded\x7f%\x9b\xd6\xe7|\r#\xf8*\x1b\x80|

 $\xb5\xe6\x8db\xa6C\xa6\xb2\x1d-$

 $\xf2T\xdf\xaf\xa2{\xe4Z\x90\x14\xa9z[\xaa\xbd\x92r\xc2r\x99n\xc7\xa0R\x84\x0b\xadz:$

 $\x10bh\x07h\x8cN\x95iK\xb5\#h\x01\xa6\xc4.\x12\xec\x81\x15\x9f-$

\x14\x12\x93\x08Z\xd4)\xb5H\xa4\x862d!\x86\x1a}

PbV\x12q\xb1<\xf1\xc8z\xd9J[\x1d\x945\x1e\x1b\x8c\xfe\xec\xb7\xe5\x91\x1c2\x d5\xedQd\xfe\xf24q\xd9\x1f\xd4\x15\xfe\xa5\x13\x81\xe2\x02NV<\x1d:#\$\x9a\t1d^\xf4VA\'\xc5#\x81\xd5\xcf\xc8eQ\x97E\x9f\x06\x182-

\xa4\x0e\xa2]\x18\xa8\x83D\xd0\xc8\xbbU\xabK\x96VI\x16\x96\xe3\xb6\x87nj\ xe7\x035\xcc\xd8\xff\x84\xf6;b\xa7\x03\xdaY;d\xe6\xba#\xa4\xe0e;

 $\c2\xa0\xcb''\xbfkGL\xfe\xb1\K\xf8t\xd1\xe4!x\xf3Z\xbe\xc8E:\x15e}$

9d\x1ap\xa8\xa7S\x83G\xd2\xf7\x16\xa4\x08\xc1\xa0AJ)

 $xf5)H-%x00\\xfev\\x8f\\x8cz\\x00\\x9e\\xb1\\xb1`i\\x12|+$

 $\xfa\xo82u\x1ej\x17\xc5:t\xfe\xd8$

 $S(xaf(x15)xf6H(xd4)x7f(xab)xb4=q(x04)x99)x06^u(xb5)xe5Q(xe0)x8fs(xdcv)xcc(x8e2)xad(xbd(xfa)xe7#(xdd)xaaD(x10)xa8O(xa9)x86)xc8(xa1)xd6(xa4)xa8(xe3)x1f(x92v-$

 $\label{lem:lem:mass} $$M\xfd\x0\x9a\xa8\xfa\x8cJ\xb7\xcb\xa1\xc4\xe0\x88\x99B\xe5N\xf9t|+$

 $\label{thm:colar_colar$

Q\x10\xc2E%

 $\label{thm:linear} $$ \x8fsn\x17\xbe\xe4\xf4\x92\x96\r\xb5\xb4\x04\x8b\x1dA\xe6\xa5\xe7\xa5\(\xf5\x90\x96\xb5B\x0cU\x8a\xa2\xa9\xd6\xec>Xm\xf3\xaa39\xeb\xb1\x02\x82\x07\x17\xe9]\x0c\xbd\x88)* $\x9dB=\xe4\x98\xb7\xed\x10\Ya\xa6\xafN\#. $$ \xdbw\x10\x94P\x87\x17\x9cBP\%$

\xf8@\x9fd\x04M\xbd\x8c\x8a\xea\xea\xed3^Tr\xc8\xbcr\xcb\xec?

\xd2\x85_\xa8\xc8\x8a\x00G\xa9\x90n\xa3\xf2!\x86L}

 $\xe6\x90\x85\xe5\r\xa3\xdb\x17\x83D\x9f\x08\xca\\xab=s\#V\x1be,$

 $\label{lem:md_$

\x86&"X\xf9Y\xca<\xf5\x9a\xa3#%

 $\x01dm\x92n\xaa\xee\x00\x91\x9f\xaa\x94\x1dj\xac\xacC>\xffh\xcc\xab\xa4d\xc$

```
 c\xf3\x0e(\x19=\xb5p`T\rq\xc8\xbc\xb4_\xc9\xaa\x8d\xc8f\xbb\xee\x9dwe\xcf\xa0Qb\x12D\x11\xa1\x94\x0b\x9a9A*![\xx06\%
```

 $\label{thm:condition} $$ \frac{x1fAo\cdot(x9a\cdot(x1b)\cdot x9a\cdot(x16')\cdot x9bO\cdot(x116_\cdot x04\cdot x41\cdot x18\cdot x18\cdot x01\cdot x07\cdot x00\cdot(x16/\cdot x82F\cdot x87\cdot xe2c\cdot xc4B\cdot x16m\cdot x878\cdot xc9\cdot xc1\cdot xc5\cdot xbb\cdot xde\cdot x17\cdot xd7*f\cdot xa8vU\cdot xd68w\cdot x88D\cdot x94swh) $$ $$ 9\cdot x84\cdot x88\cdot xe0\cdot xc9\cdot xa8\cdot x1fb\cdot xe8\cdot xda\cdot xc6\cdot x1f\cdot xe5\cdot xb4w\cdot xdc\cdot xa1\cdot x11\cdot x045+ $$$

 $\xc4\x11\xc8a\x0c9e\x10T\x0e\xd4\xe1\x8b\xa2\x15\x0b\xd0\xd0\xdb\x10A\xed''\xd0\x04\x0e\x95\x88\xaa\xca|$

 $\label{thm:linear_continuous_co$

\xbc\xe7\'\x0fk\xa5\xba\x9ey\xda.\x19\x8fb\x91\xa5A\x81\xa6\x82n\x87V/

 $\x12/\xc7\xb4\xe5/\xd1\xcd\x85\x16m9:D\xd895\xd8\x08'\xc0{jg\x07xc\x87\xccm\x87d\xc1K\xe6T\xe3\x98c\x1a\xb2\xadl\xae\x9f\xec\xa8\xc1R\xa5m\xb9;$

 $[\xbd\xdd\xd1\x08\xcbP\xb4\x86Z\xf4\xdf*\x95\xe9\xd0\xa8aP\x99\x95?$

J\xbb\xa6[\xb8\xba\x13\xce\x91\xeb\\{\\{\x99\xc2\x15\x93\xacm|

\x94\x04\x92A\x03\x89\x02\x9b\xd0g6\xa0\x0e5%2cy\$\xa6!\\

o\xdb@\x1d\xbd\xe5\xdaL\x88\xa1\x9eF\xa1fZD\xdfQ\xc2qgk\\

 $\xc3\x102C\xc2\xee\x1d2Z?\xe3\xf9{\x95LC\xb4\xfc\xf0L\x88!}$

S\xef\xab\x8a\xcc\xeb\xb7L)\x95\x18\xbc+\xb0\xe7KYKVE

l\xb9\xacC\xa6\xee\x17J\$:

 $i\x9d\xa9b\x1c2\xcf\xfd\xb0\x04-$

 $\label{thm:linear} $$ \x91''\times02:\xf1\x1e\xd8\x9c''\timesa1<~\xe1\xe7\x18\x94\xc3\xf7''\x0f\x91GOn\xcfE\x0b=\xaf\x1d\xd1\x13\xf2\x1e'';4Y \xe8p\xac$U\xe8\x9c\xda\x89\xb8\xed3$ $$ \x87\xc8\xbf >A0\x85\xc3m\xd0\xd2\xa5\xfd0\x0em\xd0\x11uAT\xd8\xd4(+\x16K\x1cL6\xce\x18\x11\x7f\xa1k\xbf\xc3\xa2|$

```
90*&X7\x84\xf8\x08\x8c\x9e\xc6V\xbby\x80\x85\xc8\xc0\x0c)B1\xf9\x1b\xfdd.
\xb94\xd6\xa1\xcd>j\x1f\x12(\x98\x9fuhZu\x89\xb6,0\x1a\x90\x0e1\xb4\xe5\x08
\t\x0c\x96\x9b\x9e=\xb5\xe11\xac\x9f\x95\xa7\xe2\xd0\x83;\xb3\xb6\xa3\x10\x
c5\xab\x0e\xd5\xa1\xf56tb\xc8{V\xa4C\x1d\xd3&Yjr\x1e\x82\xd6\x86/\x95(n\xe
4^?\x14}\xff\x0f\x16}\xb7\x93\xa9\xbek-qb\xab_b\x82\xff\xed\xf7d;
\xfc\xcd\'K&%y\xfb9\x1c\tf\x90\xa9\xf7\x17I\xe6\xf7^\xc8\xa2%
\xd0\x90\SU\xb5)\xba@\x17\xdf.
\xbbM\xd4\x8f4l\x88\xb8\xe7\xcer\xd0\xd1<k\xe6\xa2\xa1\x13\xbd\x99K\xa09&
,f\xfd\xd8\xa1\x9dE\x81\xeb
\xd3\x1c\xf6Ht\xd4\xdc\xb0G\xec\x842\x1a>&\xabU\xa8`\xc5(\xd5\xa0\x0f?
\column{1}{c} 
x86v2x95xdc]Yxf0xa1x97CHdx90xa9xfbxaaxa4xfd!
\x94e\xc3\x86\xc8\xf4\xa0\x06\xb6\x04\x81\x03\xac$\xe6\x19t\x10V-
\x1c\x93\xa6\\
\x0e\xad\x7f\x11C\x8c\x9a6\x12_\x9euA\x01\x93\xc1\xbch\x9b\x92N\x90\x8az0
\x7f\x114\xf9\xcf\x9b\x9f\x8f\x97\xe9^\x1d
x83x07GG(xcb)x80(xf6)xab(xcb)xeb(xdf)xd1>(xdb)
\xf0Viy\x0fi\x86W0\x8ccl\x94\xe1ph\xc7\xc4\'\x88\xd4\xccl\x8fCs;
\xe8A\x83YK4\xc9\xc7\x0e\xcd\xe2"\xcbC\x94\xaaB\x04L\xa9 a
\add\x60\
\xde&T\x02\xc6\x10C\xeb\xa9\x986\xd3\x9b\x12\xa5\xed5\x86\x16\xf1~\xfb\xb
a\x84V\xdf,
\x05u\x8a\x85\x8c\xaa\xea\xb7\x13\xed\x10\x12\x9e\xf6\x8b\xe8\xf4\xbbi\xbf\xf
0\x1e(\xb9(\V\xab\xdc=\xc4\xd0\x04\xbc@(\x19\xe9\xc7\x0euW\xf0\xf4\xfeY\xd)
3\tO\x9b\xe9\xfbG_]g\x00{\x10\xd1}
\xc4\xd5vx\x8f\x16\xe2\x1d\xdaaQ\x9a1<\x90\xf7\xd0B\xec\x81,\x04\xb5\x11X\x
1c*\xce\xc2\xda\x89\xa0Z\x18\xda\xe78\xb1\xb8\xfb\x9d,\xe7I%6Ht8{]|
\xf2\xda\x87e\xce\xbdM93k%
\x91\xd2\x17\x99\x10C\x139\xa1,\x87\xc8x\xc1pg\xb7\x05j\x8b\x85\xf6\xe8\xce
OEGo8d\x9e;$ezf\xa3\xcc\xe5\x87\xf4\xa9%
\xec\xe8\r\x1cK\xa6Go8d^\xd4\x96\xd2LP\x9b5\xfaN\xa3\x10C-
iJa\xcd\xce\xdb\xd8z\x9b|
x88 xa1 x91b xdb xdf #fg x97 xcdp5 xbbl xf6 xb6 xcc xed xef xb1z x92~+
\x82\xda\xb8HC\xfa$\xed\xfc\x13\t\xafc\xc8\xd4;QT\xca\\
\x0fG\xc3\x13G\x90i\xc0\x87\xac/
xe4"8xf9xc14`Fxd1dyxd2xe2xa1xa3x13Axa6xde)
x19\xbc\x85)\xcb\xd9\xa5J\x1cCK\xa0f,
x19\xd5\x83\x99\x89\xa0\xb1GS\xce\xcc\xeaD\x06\xe6B\x07=Ln\xfb\xaf\
\xde\xbb\xd5J\xef\xfd\x1d\xdc!\xcas\x06wH+\x93K}
\x1f\xca\xda\x93Hr\x15C\xd3\x9d\xa2(\xa5\xc5\xb6\x8f)\xc4\xd0\xba:
\x0\x01\x01\x01
\xa0\xd462Y\x95\x8e8\xa2\xd1\xa1\x1dV\xa9<\xde\xdf\xbd5>\x82F./
xf8exd6xxbcx99xebn!
```

x86Fxe9xddExb4xe0SFxc0x10Lx19xe1xadxca_w)

V\x95dJOR\x05i\xa8<\xe9P\x1c\xad\xf7F9\xe1\xfc\xbbJ\xa6}

 $\label{thm:linear_continuous_co$

 $\x 9e\x 0 2\x c 9\x c 3\x c 8\x e 2\x c 3\x c 78E\x 8 d\x f 3zv\x 8 0\x 0 6\x 8 7*\x a d s h\x e 1L\x e b\x 9 e\%$

 $\x8bFs\xcc\x9f\xc9\x19em\'\xdc\xa1\xb3\xd3\xaf\x88\x15\x84\ Z9kIW\xe1\xf9\xc1\x9eF\xd0\x96\%$

 $Z\xc0k\xb4\xf3\xa4\x88v\xbe\xd6\xab\xe5\xab\xc6\x82\xe9Y\xf5\xa281$ \xb6\x88C \xc3Wu\x97C\x13\x14 \xc7\xa1z\xa4\xa5

 $\x 87VH\x c 2\x c 9 c\x a 8\x 1 e\x a 9 \x c 5\x a 1\x 0 5\x 9 dh\x a 9 D\x c a\x a 6 5\x 1 0 D\x f 8 H\x a a 1\x 0 0\x a 2\x c e\x 8 4, p\x d 3 = (!$

 $\label{thm:linear} $$ \W\xcf\x8b\xa3\#\x1b\x1dj\x1f\xa5rM\x98\xeb\xd5\xcfdB\x0c\x99j\x1fN\x97\x12\xf2V\x8d\xbdCK\xdd\x96\xdcBq\x1b\x18\xe2\x18\x1c\xbd\x01Y\x1b\xfa\%p\nP\x04m\x94\xc1\x90\xe8\xe9\xc9M\xd1\xd9+8\xdd\x04\xf5B\xb4\ $$$

 $\abla 8\xd4ivh\xe4H\xeb\x9e\%\x93\xcb\xe1\xd8$

 $\xda\xeaON\x995\xdc\x9f\xb66b\xb8\xfd\x85\x03)\xc4\xd0\xa2\xe4Y7\x8a\x8b\x9f\xbaJ\x0f\xc2\x1b\xebUFxJ,$

\x86\xc5\xa7fB\x0cM*%a\x85\xb2\xfe\xd2\xfa\x11C\xe6%

 $\x1f\xfa\xa9\x11\x906\xa8\x97\xa8\xa1\x87:\xf1\yc\ng\xab-$

\xca\x03P\xd6"{\xd4\xaeu\x87\x1a\x02\xea\x0e\xd3\xf6\xf6\xd6t\x88\xa1\x95#\ xd0\x17\x04RP\xc3\r\x87&+U\xa5\x80\xf0\r\xbd{\xca2\xc31\x02\x9d\x87R\xa5\ x99\x07,\xa4\x9ap\xb5\x99*\xd0\xa9\xdag\xe9P\x19\x01e\x80\x11\x17\xd8\x99\ x9e\x8b]\xc1\tO\x80.\n\$

\xb4\xce\x14\xf4x\x81\xf6@U*\x82F\x9f*\xb3\$.?g^\x11\$

\x1az\xd0A\xac\xa1\xc55\x82V\xcf\xc5\xdb\xc0\xa7\xa2\x9d&\x82ZzUJ\x1f\x87

 $R\xab\x88\xda\xa1ES xg]P\x10\x8d\x19\xedV\x8f\xc3\xba\x9eO\xeb!\x94j:p\x8e! jdz\xa8\xb6C\x93\xb8\x81\xf9D\xf8\r\xc1L\x04\x8d\x18\xc2\xaf0\xfbzz\x9aC\xf3\x00Z\xe0\xb4S\xa9\xd1m\x08\x05\x8aT\x0b\x94\x93B\x93X\x04\x8d\xaa\xc0\xf9\x888\n\x02\x14_\x04\xcdL\xca\x99-$

 $\label{thm:condition} $$ \frac{x_03W}x8c\\xa3\\x10C\\x8b\\x10\\xa1\\x1aq\\x0f0V\\xf6\\xc4\\xeawS\\xae\\xef\\x1d\\x96\\x80\\x02x\\x00\\x04\\x1d\\xea\\x01\\x1c\\x9a\\x1eR=\\x80\\x08\\x0f\\xbe\\x17\\x0f\\x10"\\x0f\\x80\\xb4R=\\x80H\\xff\\xd4\\x03\\xc8\\x98\\x9b\\x070(\\x1e$

 $k\x1e\x00Q\xafz\x00\x87*\x00\xff\xef{\x00\x95\xee\xe4*q\xce?\x13\x9f}\x1e\x00\x1d\t\x98\x84\x19x.$

 $x82\x7f\xa2a\xd5X\x04o\x06\xfd\xdf+$

 $s\xf3\xef\xbd\x87~\xfdmX\x18/\x86H\xfb\xcdsu\x89V\xa2\xb7\x83\xe9\xbd\#\xc0\xdfA\x98\x8d\xd6Qd\x89\xa8\xbc\xe8a\n\x0e\xcd\xe9\xc8\x19EZ\x01\x83q\x8f\xa0I\x90pT\xbe\x84\t\xa6\x86ph<,$

 $\label{thm:linear_continuous_co$

 $(D\xcft\x045m\xd3SK\xd4\xdf\xa1\xfe\xeb\xd0\xb4\'p\x8f\xee5B\{\x07\x82\ny\xee7\x97\x8a\xe6\x07\xee1\xee\xe1W\xa3\xf6*;\xcc\xee7;\{up}$

\xaeu&\xc8\$o\xfa\xd5\x0fG\xe3\xfe??

 $\x1a\x97\xf9\xef\x0f\x13\x97M\xd42\x1c\x18d\x9c8\xa3\'/$

 $t\xf3\xc3\xc2\#\xa8\x8al+\xbb5e\$

\xc8\xe9\xd0U\x8d#J\xe6x\xa0\xbf\x8e\xa0i\x07D\x9e-

 $AoN\x15p9\x13\xfaA\xbf\x00\x01\x9er\xc6\x0e$

 $\label{thm:linear} $$ \operatorname{xed}_xaa_x8d7_xe5Zn_xbd_xa3_xb9o_xae_xfa_xf2_x07_{F\xde_xd7]_xee}_x0f? $$ \xf8_xe2=a_xe3_r_xb9_x96_x1b_xee_x95_xaby_xaeCs_xff_x8eD_xff_x0e_xe4_xdd_xa3_xa8_nendstream_rendobj_r84_0 obj_r<</SMask/None_ca_1>>rendobj_r85_0 obj_r<</Filter_FlateDecode_Length_2574_N$

 $3>\rstream\nH\x89\x9c\x96\yTSw\x16\xc7\x7fo\xc9\x9e\x90\x95\xb0\xc3c\r[\x80\xb0\x06\x905\la\x91\x1d\x04Q\x08\x01\x12BH\xd8\x05AD\x05\x14ED\x84\xaa\x952\xd6mtFOE\x9d.$

 $\xfa\x0e\x1b\x94\r\x06\xd3\xa5$

 $\xd5\xbaF\xbdZUn\xc0\xdc\xe5\x1e\x98(4T\x8c\%)$

 $\label{thm:linear_continuous_co$

 $x00\x8c\xaf\x04\xc0\xf2\xe6[x9b\xcb\xfb\x000\xf1\xbe\x1d\xbe\xf8\xce]$

 $\label{thm:linear} $$ \frac{x_6y}7x_18ta\\xbe\\xf5\\xf5\\xf5>j\\xa5\\xdc\\xc7T\\xd07\\xfa\\x9f\\x0e\\xbf@\\xef\\xc7t\\xdc\\x9b\\xf2`q\\xca2\\x99\\xb1\\xca\\x80\\x99\\xea&\\xaf\\xae\\xaa6\\xea\\xb1Z\\x9dL\\xae\\xc4\\x84?\\x1d\\xe2_\\x1d\\xf8\\xf3\\yxg)$

\x1d\xe4\x80\x02\xb0\x14\xc8A9\xd0\x00=\xa8\x07-

 $\advantum{xa0\x1dt\x81\x1e\xb0\x1el\x02\xc3}$;

x18x03xbbxc1~px10x8cx83x8fxc1txf0Gpx1e

\t\xae\x81[`\x12L\x83\x87`\x06<\x05\xaf\x08"A\x0c\x88\x0bYA\x0e\x90+

\xe4\x05\xf9Cb(\x12\x8a\x87R\xa1,\xa8\x00*\x81T\x90\x162B-

z\xa4\x15\xe9F\x06\x91Qd?r\x0c9\x8b\

\x8b\x08*B=\xa1\x8b0H\xd8I\xf8\x88p\x86p\x8d0MxJ\$\x12\xf9D\x011\x84\x98D,

 $_\$ \xdf#\xbf\xa2\xb0(\xae\x940J:EAi\xa4\xf4Q\xc6(\xc7(\x17)\xd3\x94WT6U@ \x8d\xa0\xe6P+\xa8\xed\xd4!

 $\x0.018 \x0.018 \x0.$

\xc3\xc0X\xc7\xd8\xcd8\xc5\xf8\x9a\xf1\xdc\x8ck\xe6c&5S\x98\xb5\x99\x8d\x 98\x1d6\xbbl\xf6\x98Ia\xba2c\x98K\x99M\xccA\xe6!

 $\xd1Ng\xb7\xc5\xee\x94\xdd#{\xbe}$

 $\xb4$ \x85\xfd\x80\xfd\xa7\xf6\x0f\x1c\xb8\x0e\x91\x0ej\x87\x01\x87\xcf\x1c\xfe\x8a\x99c1X\x156\x84\x9d\xc6f\x1cm\x1d\x93\x1c\x8d\x8e;

\x1c\'\x1c_9\t\x9cr\x9d:\x9c\x0e8\xddq\xa6:\x8b\x9d\xcb\x9c\x07\x9cO:

 $\xcf\xb8\xb8\xb4\xb9\xb4\xb8\xecu\xb9\xe9\Jq\x15\xbb\x96\xbbnv=\xeb\xfa\xccM\xe0\xb6\xcam\xdc\xed\xbe\xc0R$

 $z\xc1^xc1^j\xaf\xad^x97\xbc\t\xde\xa1\xdeZ\xefQ\xef\x1bB\xba0FX\'\xdc+\x9c\xf2\xe1\xfb\xa4\xfat\xf8\x8c\xfb<\xf6u\xf1-$

 $\xf4\xdd\xe0{\xd6\xf7\xb5_\x90_\x95\xdf\x98\xdf-}$

\xf8A\x88KHI\xc8{!7\xc4<q\x86\xb8W\xfcy(!46\xb4-

 $\xf4\xe3\xd0\x17a\xc1a\x86\xb0\x83a\x7f\x0f\x17\x86\W\x86\xef\t\xbf\xbf\@\xb0$ @\xb9`\\xc1\xdd\x08\xa7\x08Y\xc4\x8e\x88\xc9H,\xb2\$

 $\colored{|xc6u|xc7M}\colored{|xc4s|xe2s|xe3|x87}\colored{|xc3|xbfNpJP}$

\xecM\x98I\x0cJIN<\x9eDHJI\xda\x90tCj\'\x95KwKg\x92C\x92\x97%

\x9fN\xa1\xa7d\xa7\x0c\xa7\\x93\xea\x99\xaaO=\x96\x06\xa7%

\xe4\xbbh\xd9\xa2\xf3\x05\xd6\x05\xea\x82#\x85\xa4\xc2\xbc\xc2\x9d\x85\xb

 $3\x8b\xe3\x17oZ<]\x14T\xd4Ut}\x89`I\xc3\x92sK\xad\x97V-\xfd\xa4\x98Y, +>TB(\xc9/\xd9S\xf2\x83,]6*\x9b-$

 $\x 95\x 96\x be W: \#\x 97\x c 87\x c b\x 1f*\x a 2\x 15\x 03\x 8 a\x 07\x c a\x 08 e\x b f\x f 2^YD Y\x 7f\x d 9 \}$

 $U\x84j\xa3\xeaAyT\xf9 \xf9\#\xb5D=\xac\xfe\xb6"\xa9b{\xc3\xca\xf4\xca\x0 f+\x7f\xac\xca\xa6!\xb5\x1cm\xa5\xf6t\xb5}uC\xf5\%$

 $\label{thm:linear_continuous_co$

 $\xb4\x9c\xb5\x13\xb5\x8a\xb6\x01\xb6\xb6\xf0\xb7\xb7\xe0\xb8\xd1\xb9\xb9\xc2\xba;\xba\xb5\xbb\xa7\xbc!$

n\r\n0000092997 00000 n\r\n0000119273 00000 n\r\n0000136387 00000 n\r\n0000138054 00000 n\r\n0000139022 00000 n\r\n0000139470 00000 n\r\n0000139891 00000 n\r\n0000139991 00000 n\r\n0000140125 00000 n\r\n0000140235 00000 n\r\n0000142264 00000 n\r\n0000168544 00000 n\r\n0000185773 00000 n\r\n0000185873 00000 n\r\n0000186067 00000 n\r\n0000186177 00000 n\r\n0000188616 00000 n\r\n0000214900 00000 n\r\n0000227293 00000 n\r\n0000234607 00000 n\r\n0000235032 00000 n\r\n0000235409 00000 n\r\n0000235509 00000 n\r\n0000235643 00000 n\r\n0000235753 00000 n\r\n0000238296 00000 n\r\n0000264592 00000 n\r\n0000285734 00000 n\r\n0000285834 00000 n\r\n0000285968 00000 n\r\n0000286078 00000 n\r\n0000288477 00000 n\r\n0000314761 00000 n\r\n0000334959 00000 n\r\n0000335059 00000 n\r\n0000335253 00000 n\r\n0000335363 00000 n\r\n0000336635 00000 n\r\n0000364647 00000 n\r\n0000369618 00000 n\r\n0000372136 00000 n\r\n0000375873 00000 n\r\n0000376505 00000 n\r\n0000376605 00000 n\r\n0000376725 00000 n\r\n0000379766 00000 n\r\n0000382421 00000 n\r\n0000382627 00000 n\r\n0000382859 00000 n\r\n0000383664 00000 n\r\n0000383731 00000 n\r\n0000383766 00000 n\r\n0000383797 00000 n\r\n0000383828 00000 n\r\n0000383951 00000 n\r\n0000384622 00000 n\r\n0000385128 00000 n\r\n0000385319 00000 n\r\n0000397327 00000 n\r\n0000397364 00000 n\r\ntrailer\r<</ID[(\\306\\233"\\327\\25\\n30-\\331G\\241\\341\\330\\3n) (\\306\ \233"\\327\\25\\n3O-\\331G\\241\\341\\330\\3n)]/Info 69 0 R/Root 1 0 R/Size 86>>\rstartxref\r400012\r%%EOF\n'

Dok-ID 217071

Akte: 2023 -1282 N Liste der Gesellschafter der

SUMM AI GmbH

mit Sitz in München Amtsgericht München, HRB 275514

Vor- und Nachname des Gesellschafters,
Geburtsdatum, Wohnort bzw. Firma, Registernr.
u. Amtsgericht, Sitz Ifd. Nummer Nennbetrag der
Geschäftsanteile prozentualer Anteil des Geschäftsanteiles am
Stammkapital Summe der
Nennbeträge des
Gesellschafters prozentualer Anteil des

Gesamtumfangs der Geschäftsanteile am Stammkapital Veränderung floral ventures UG (haftungsbeschränkt) AG Hamburg HRB 175232

...

Dr. Oliver Hüfner

Notar Stammkapital: 31.776,00 €

Output is truncated. View as a <u>scrollable element</u> or open in a <u>text editor</u>. Adjust

cell output settings...

/var/folders/nw/rzxfctl55nj95y0twwbqxrm40000gn/T/ ipykernel_18231/1569727871.py:2: FutureWarning: The frame.append method is deprecated and will be removed from pandas in a future version. Use pandas.concat instead.

df = df.append(df_temp, ignore_index=True)

UVZNr. 1666 L/2023

Name, Wohnort, Geburtsdatum bzw. Firma, Sitz und Registernummer des Gesellschafters

M&L Investments UG (haftungsbeschrankt) mit dem Sitz in Horben, AG Freiburg i.Breisgau HRB 722284

Q.E.D. Holding UG (haftungsbeschrankt)

mit dem Sitz in Deggendorf, AG Deggendorf HRB 5327

blume.vision UG (haftungsbeschrankt) mit dem Sitz in Hamburg,

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AG Hamburg HRB 166719
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ee Se

. . .

Munchen, den 21.09.2023

Konrad Lautner, Notar

Output is truncated. View as a <u>scrollable element</u> or open in a <u>text editor</u>. Adjust cell output <u>settings</u>...

All in one function

['SyncReality', 'iotis', 'Yunex Traffic', 'Briink', 'Bestgameprice.net', 'Hawa Dawa', 'ngena', 'ngena', 'pado', 'Freshflow', 'Recare', 'Wildplastic', 'SmartNanotubes Technologies', 'Onstruc', 'Lignopure GmbH', 'Agrivero.ai', 'luca', 'Turbo', 'Priv', 'rubarb', 'Guild', 'Volders', 'Qreuz', 'CryptoTicker', 'JANSZKY GmbH', 'benchANT', 'Innocent Meat', 'Clinomic', 'Assembly', 'EGYM', 'Mosaeek', 'PlanBlue', 'Voltfang', 'Dropp', 'SellerX', 'Billie', 'Razor Group', 'Gorillas', 'Habyt', 'paretos', 'Ruuky', 'Celonis', 'wewave', 'Aleph Alpha', 'Meine Erde', 'Enpal', 'Tomorrow', 'Yepoda', 'Xentral']

```
Failed to retrieve PDF: Status code 500
Error for company: SyncReality
cannot unpack non-iterable NoneType object
iotis GmbH_Hannover.pdf
                  name \
0 Telco. Media Creations Holding GmbH
1
         adesso Ventures GmbH
              registry_details location \
           AG Wuppertal, HRB 29896 Wuppertal
0
1 Amtsgerichts Charlottenburg, HRB 184143
 nominal_value_per_share total_nominal_value \
0
              1
                        8750
1
             1
                       25000
total_participation_in_percent
                                    company
0
                50% iotis GmbH_Hannover
                50% iotis GmbH_Hannover
```

/var/folders/nw/rzxfctl55nj95y0twwbqxrm40000gn/T/

ipykernel_18231/1236708539.py:18: FutureWarning: The frame.append method

```
pandas.concat instead.
 df = df.append(df_temp, ignore_index=True)
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df = df.append(df_temp, ignore_index=True)
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<u>ipykernel_18231/1236708539.py:18</u>: FutureWarning: The frame.append method is deprecated and will be removed from pandas in a future version. Use pandas.concat instead.

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df = df.append(df_temp, ignore_index=True)
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349 LEA Venturepartner Annex GmbH & Co. KG 350 Unternehmertum VC Fonds III GmbH & Co. KG 351 Interface Capital GmbH & Co. KG 352 Venti Ventures GmbH 353 Riverton GmbH	
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384 Hewlett Packard Pathfinder LLC

385 SAP SE

386 CUSTODIA Innovation Codes GmbH

387 LEA Venturepartner Annex GmbH & Co. KG

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