

[illegible]

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|                                                                 |     |           | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 |
|-----------------------------------------------------------------|-----|-----------|----|----|----|----|----|----|----|----|----|----|
| v r s o g v j f    r p   s j - L j s j o - L                    | 334 | n s p o o | +  | -  | -  | +  | -  | -  | -  | -  | +  | +  |
| v r s o g v j f    r l r v s   s   s r l p f - q r v l r - L    | 333 | d o o     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| v r s o g v j f    r j l z z t s l q l z d o - L                | 602 | n s p o o | 0  | 0  | 0  | 0  | -  | -  | -  | -  | +  | +  |
| v r s - q   v j   s o o p / s   s   s   v   - L                 | 336 | f   q     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| v j v j h q l u q s r e s l v j v j h q - L                     | 337 | n s p o o | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| v j v l r s z z l s r s d o - L z - p v j - L                   | 338 | n s p o o | 0  | 0  | 0  | 0  | -  | -  | -  | -  | +  | +  |
| v j n s r n s - r n s s l v j v q o v r - L                     | 339 | n s p o o | +  | -  | -  | +  | -  | -  | -  | -  | +  | +  |
| v j n s r   s l r - L j v z s s j - L                           | 340 | d o o     | -  | +  | +  | -  | +  | +  | +  | +  | -  | 0  |
| v j f s z r v s v r l v j   v j   h s l                         | 341 | d o o     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| v j j v n s - r n s s l v j j   s l v                           | 342 | d o o     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| v j l j o - j q h j k j - L d j h s l                           | 343 | d o o     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| v j l j s z z - p v j - L z - p v j - L                         | 604 | n s p o o | 0  | 0  | 0  | 0  | -  | -  | -  | 0  | +  | +  |
| v k s t q v   s v n j t                                         | 344 | f   q     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| v q s j f s   s   s l r l n v n j s e - L                       | 345 | d o o     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| v q s j z - p v j - L v n o - L                                 | 346 | q d       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| v q   v p t x o o t s l q h v   s j - L                         | 601 | n s p o o | +  | -  | 0  | +  | =  | -  | -  | -  | +  | +  |
| v h v q q h q   d s l d o v f o s l l                           | 348 | n s p o o | +  | -  | -  | +  | -  | -  | -  | -  | +  | +  |
| v h j v q l r - l r - l r - l r - p f # v j - L                 | 349 | d o o     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| v t   s f s s   s f j - n v j                                   | 350 | f   q     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| x s r n s j t s d k s t j d k s                                 | 351 | f   q     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| x s q s p o v o o - r l v   s l r l v                           | 612 | j s e     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| x o z d o q h s t v j - L l s r s d o - L                       | 354 | d o o     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| x o k s d p l   - L n l r s v j - L                             | 355 | n s p o o | +  | -  | -  | +  | -  | -  | -  | -  | +  | +  |
| x o k s r v l l r j - r l q l k j - L                           | 356 | v h v d v | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| l v r s j k j v r s o g s s l j s d o - r - L                   | 358 | n s p o o | +  | -  | -  | +  | -  | -  | -  | -  | +  | +  |
| l v r s j k j j s d o - r - L s l v j - L                       | 359 | v h v d v | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| l v r s j k j l j t s l f s d o s l                             | 360 | n s p o o | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| l v r s j k j v l u q s r e s l v o o - n f v j - L v           | 361 | d o o     | -  | +  | +  | -  | 0  | 0  | 0  | 0  | 0  | 0  |
| l v j m s l n s j s s l + v p o - L                             | 362 | q d       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| l v j j j - j   s l v n s - r n s s l v                         | 363 | n s p o o | +  | -  | -  | +  | -  | -  | -  | -  | +  | +  |
| s r s s t d v j s d o - r - L v t -   - L v                     | 365 | n s p o o | +  | -  | -  | +  | -  | -  | -  | -  | +  | +  |
| s s j t s q r v l v q s j - L r v d o - L                       | 366 | v h v d v | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| s s j t s q r v l l v q s r e s l l j o o v j - L               | 626 | j s e     | =  | +  | =  | +  | =  | =  | -  | =  | +  | -  |
| s s q s r s k j   s l f s s l   s l r l                         | 368 | q d       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| r r v   s   s r t l s h j - L l t + s l                         | 369 | n s p o o | +  | -  | -  | -  | -  | -  | -  | -  | +  | +  |
| r r v   s q r v l s l n s j s s l f s   s   s l r l             | 370 | n s p o o | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| r r s j j s d o - r - L q s f s r l                             | 372 | v h v d v | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| k j p l f s   s   s l r l v   s l r l v                         | 596 | n s p o o | +  | -  | -  | +  | -  | -  | -  | -  | +  | +  |
| n v r s j v f s   s   s l r l v o o v j o - L q d v             | 373 | n s p o o | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| n v r s j v q h s t v j - L v   s r s l v - n s - r n s s l v   | 374 | n s p o o | +  | -  | -  | +  | =  | -  | -  | =  | =  | +  |
| n s j - l s l v s l v j - L v v r s o g s s l v                 | 375 | n s p o o | +  | -  | -  | +  | 0  | 0  | 0  | 0  | 0  | 0  |
| n s - r n s l s r o - L o - r r s l                             | 376 | f   q     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| n s - r n s n s - r n s s l   s k j q d s                       | 377 | d o o     | 0  | +  | +  | -  | +  | +  | +  | +  | -  | +  |
| n s - r n s n s - r n s s l   r v t o - L                       | 378 | n s p o o | +  | -  | -  | +  | -  | -  | -  | -  | +  | +  |
| n s - r n s f v j v s r - L   s l l j t z z t s l               | 379 | d o o     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| n s - r n s s l v j - L v j f j - L                             | 380 | n s p o o | +  | -  | -  | +  | -  | -  | -  | -  | +  | +  |
| n s - r n s s l v j - L s d o - j - f - L                       | 381 | n s p o o | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| n s - r n s l f - r l o o # s j - L                             | 382 | d o o     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| n s - r n s t l q h o - l s e s z q d s                         | 622 | j s e     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| n s - r n s t v l f v r l v j v j h q - L                       | 383 | d o o     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| n s j t s f s   s   s l r l v d v p l   s j - L v               | 384 | n s p o o | +  | -  | -  | +  | -  | -  | -  | -  | +  | +  |
| n q j v z t v j v j q s t s r                                   | 385 | f   q     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| n q j s r t v k s e q s p o o q l                               | 386 | f   q     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| f v j s s r n s - r n s s l n s - r n s s l                     | 387 | n s p o o | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| f v j s s r v v j v j h q - L v f s k h o - L v - j r v j - L v | 388 | n s p o o | +  | -  | -  | +  | -  | -  | -  | -  | +  | +  |
| f v j s s r v f s   s   s l r l v   s h o - L v                 | 389 | n s p o o | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| f v j s s r v   v k s j - L v   s l r l v                       | 390 | n s p o o | +  | -  | -  | +  | =  | -  | -  | -  | +  | +  |
| f v k s j l s r s t d o - L   v l l                             | 613 | j s e     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| f s r q j v r s o g v j f r l f - o o s l                       | 392 | n s p o o | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| f s r q j q r v l t s l   s s l q d s                           | 393 | f   q     | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| f s j s t v q l s r - L v n v f # s l v                         | 394 | v h v d v | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| f s q s q r v l q r v l l l o - r - L                           | 395 | v h v d v | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |

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$$\leq \frac{1}{2} \left( \frac{1}{2} + \frac{1}{2} \right) = \frac{1}{2}$$





















9

[illegible]

$$\leq \text{H}_{\text{max}}^{\text{max}}(\rho) + \frac{1}{n} \log \left( \frac{1}{\epsilon} \right)$$

$$\leq \frac{1}{\sqrt{\pi}} \left( \frac{1}{\sqrt{\pi}} + \frac{1}{\sqrt{\pi}} \right) = \frac{2}{\sqrt{\pi}}$$