

$$A_8(q) \bmod l, d = 9$$

[illegible]

|           | $ps$ | $ps$ | $ps$ | $ps$ | $ps$ | $ps$ | $ps$ | $ps$ | $ps$ | $ps$ | $ps$ | $A_8$ |
|-----------|------|------|------|------|------|------|------|------|------|------|------|-------|
| 9         | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 81        | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 72        | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 711       | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 63        | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 621       | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 6111      | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 54        | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 531       | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 522       | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 5211      | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 51111     | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 441       | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 432       | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 4311      | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 4221      | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 42111     | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 411111    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 333       | 1    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 3321      | .    | 1    | .    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 33111     | .    | .    | 1    | .    | .    | .    | .    | .    | .    | .    | .    | .     |
| 3222      | .    | .    | .    | 1    | .    | .    | .    | .    | .    | .    | .    | .     |
| 32211     | .    | .    | .    | .    | 1    | .    | .    | .    | .    | .    | .    | .     |
| 321111    | .    | .    | .    | .    | .    | 1    | .    | .    | .    | .    | .    | .     |
| 3111111   | .    | .    | .    | .    | .    | .    | 1    | .    | .    | .    | .    | .     |
| 22221     | .    | .    | .    | .    | .    | .    | .    | 1    | .    | .    | .    | .     |
| 222111    | .    | .    | .    | .    | .    | .    | .    | .    | 1    | .    | .    | .     |
| 2211111   | .    | .    | .    | .    | .    | .    | .    | .    | .    | 1    | .    | .     |
| 21111111  | .    | .    | .    | .    | .    | .    | 1    | .    | .    | .    | 1    | .     |
| 111111111 | .    | .    | .    | .    | .    | .    | .    | .    | .    | .    | 1    | 1     |

## References

[FS84] P. Fong and B. Srinivasan. Brauer trees in  $GL(n, q)$ . *Math. Z.*, 187(1):81–88, 1984.