

## WEPD – Type I [44, 22, 8]

This is a database of known weight enumerator parameters for singly-even binary self-dual [44, 22, 8] codes.

The possible weight enumerators of a singly-even binary self-dual [44, 22, 8] code are given in [10] as

$$\begin{aligned}W_{44,1} &= 1 + (44 + 4\alpha)x^8 + (976 - 8\alpha)x^{10} + \dots, \\W_{44,2} &= 1 + (44 + 4\alpha)x^8 + (1232 - 8\alpha)x^{10} + \dots,\end{aligned}$$

where  $\alpha \in \mathbb{Z}$ .

See the links below for lists of known values of  $\alpha$  for  $W_{44,1}$  and  $W_{44,2}$ .

- [W<sub>44,1</sub> known parameters](#) (from [2–8, 10, 12–17])
- [W<sub>44,2</sub> known parameters](#) (from [1–4, 6–19])

## References

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