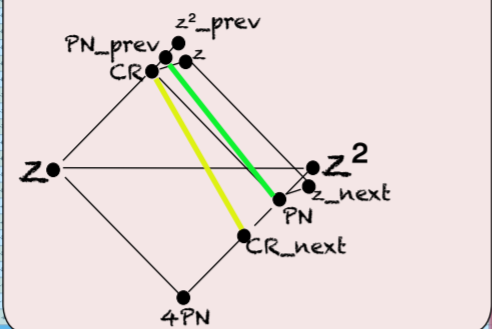


10 Parameters
ALL MPS follow:



- $z = Mp = 2^p - 1 = x + y$
- $z_next = \text{next } z \text{ value}$
- $z^2 = Mp^2$
- $z^2_prev = \text{previous}$
- $z^2_next = \text{next}$
- $PN = xz$
- $PN_prev = \text{previous}$
- $4PN = \text{Perfect Number } \times 4$
- $CR = xy = \text{Complement Rectangle}$
- $CR_next = \text{next}$
- $y = x - 1 = z_prev$

S
The first four Mersenne PRIME - Perfect Number Squares on the BIM

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