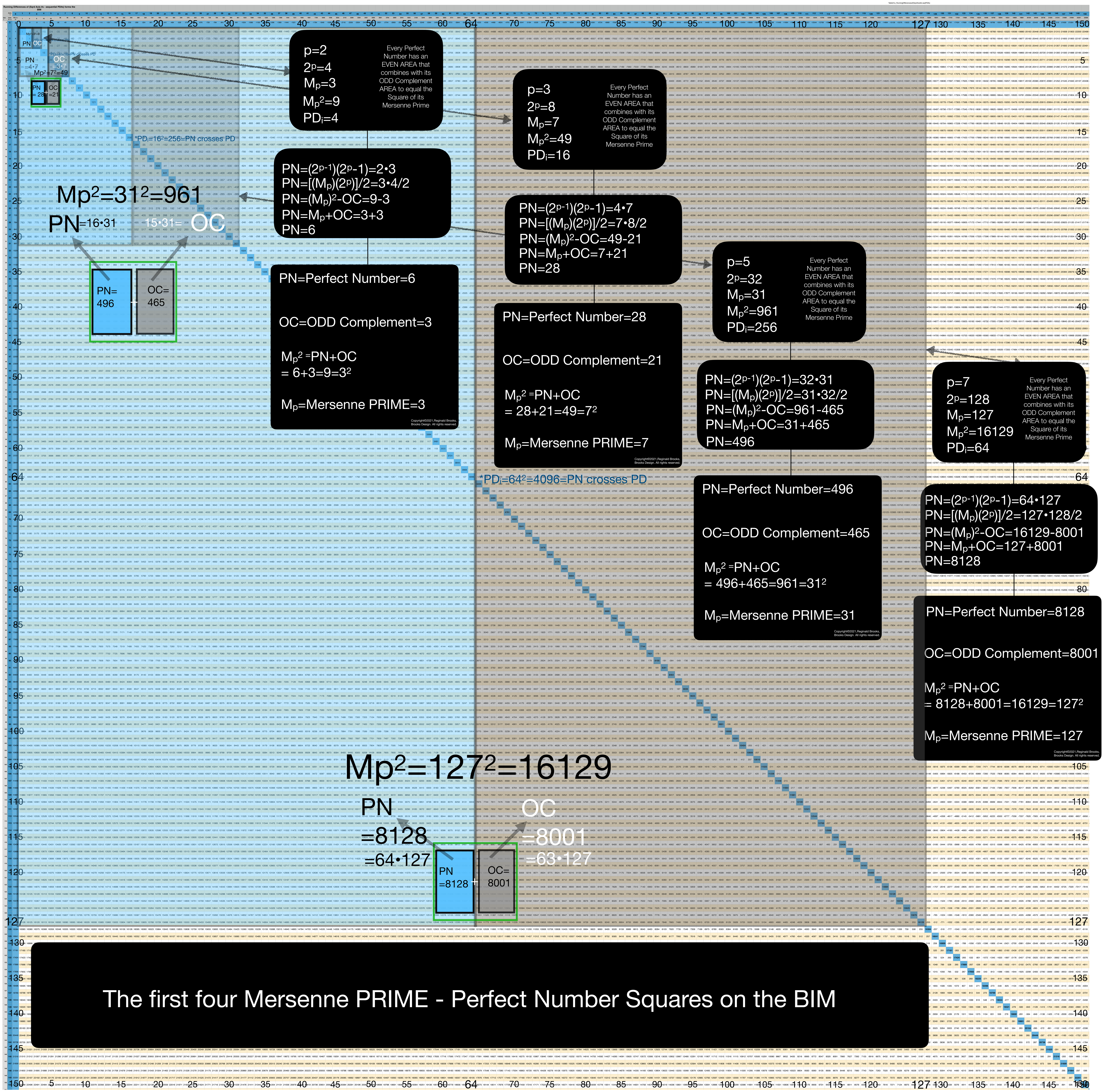

p=2
2p=4
Mp=3
Mp²=9
PDi=4
Every Perfect Number has an EVEN AREA that combines with its ODD Complement AREA to equal the Square of its Mersenne Prime
PN=(2p-1)(2p-1)=2•3
PN=[(Mp)(2p)]/2=3•4/2
PN=(Mp)²-OC=9-3
PN=Mp+OC=3+3
PN=6
PN=Perfect Number=6
OC=ODD Complement=3
Mp² =PN+OC
= 6+3=9=3²
Mp=Mersenne PRIME=3
p=3
2p=8
Mp=7
Mp²=49
PDi=16
Every Perfect Number has an EVEN AREA that combines with its ODD Complement AREA to equal the Square of its Mersenne Prime
PN=(2p-1)(2p-1)=4•7
PN=[(Mp)(2p)]/2=7•8/2
PN=(Mp)²-OC=49-21
PN=Mp+OC=7+21
PN=28
PN=Perfect Number=28
OC=ODD Complement=21
Mp² =PN+OC
= 28+21=49=7²
Mp=Mersenne PRIME=7
p=5
2p=32
Mp=31
Mp²=961
PDi=256
Every Perfect Number has an EVEN AREA that combines with its ODD Complement AREA to equal the Square of its Mersenne Prime
PN=(2p-1)(2p-1)=32•31
PN=[(Mp)(2p)]/2=31•32/2
PN=(Mp)²-OC=961-465
PN=Mp+OC=31+465
PN=496
PN=Perfect Number=496
OC=ODD Complement=465
Mp² =PN+OC
= 496+465=961=31²
Mp=Mersenne PRIME=31
p=7
2p=128
Mp=127
Mp²=16129
PDi=64
Every Perfect Number has an EVEN AREA that combines with its ODD Complement AREA to equal the Square of its Mersenne Prime
PN=(2p-1)(2p-1)=64•127
PN=[(Mp)(2p)]/2=127•128/2
PN=(Mp)²-OC=16129-8001
PN=Mp+OC=127+8001
PN=8128
PN=Perfect Number=8128
OC=ODD Complement=8001
Mp² =PN+OC
= 8128+8001=16129=127²
Mp=Mersenne PRIME=127
Mp²=31²=961
PN=16•31
15•31= OC
PN= 496
OC= 465
*PD=16²=256=PN crosses PD
*PDi=64²=4096=PN crosses PD
Mp²=127²=16129
PN =8128 =64•127
OC =8001 =63•127
PN =8128
OC= 8001
The first four Mersenne PRIME - Perfect Number Squares on the BIM