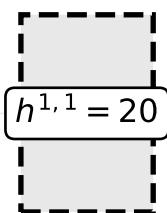


Hodge Conjecture: Hodge Classes are Algebraic

$$h^{0,0} = 1$$

$$h^{1,0} = 0$$

$$h^{2,0} = 1$$



$$h^{1,1} = 20$$

Hodge classes H^1

Algebraic cycles

$$h^{2,2} = 1$$