

parabolic=nodal exceptional resolution

$$A_n: uv + w^{n+1}$$

$$D_n: u^2 + vw^2 + v^{n-1}$$

$$E_6: u^2 + v^3 + w^4$$

$$E_7: u^2 + v^3 + vw^3$$

$$E_8: u^2 + v^3 + w^5$$

elliptic exceptional resolution

$$u^3 + v^3 + w^4 + \lambda uvw$$

$$u^2 + v^4 + w^4 + \lambda uvw$$

$$u^2 + v^3 + w^6 + \lambda uvw$$

hyperbolic exceptional resolution