

Degrees in BCH

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Q. Which scattering degree determines hair degree d in BCH?

$$e^x e^y = e^{x+y+Fy} \quad \text{deg } F = d$$

\Rightarrow Since we scatter degree 1 objects,
F appears multiplied by an extra x or y
in the scattering action.

\Rightarrow At glow level, degrees are preserved.