# Three-dimensional scrolls in $\mathbf{P}^{\wedge} 6$ 

Matei Toma
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Abstract It is proved that in $\mathbf{P}^{6}$ only three families of three-dimensional scrolls exist, namely two families of rational scrolls and one family of elliptic scrolls. The corresponding degrees of these scrolls are 3,4 and 7 .

Keywords: scroll, codimension 3

