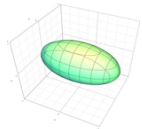
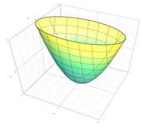
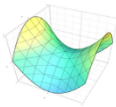
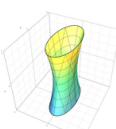
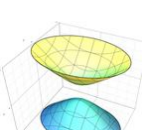
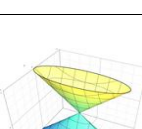
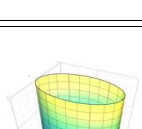
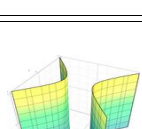
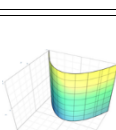


Ellipsoid	<u>אליפסואיד</u> $\frac{x^2}{a^2} + \frac{y^2}{b^2} + \frac{z^2}{c^2} = 1$	
Elliptic paraboloid	<u>פרבולואיד אליפטי</u> $z = \frac{x^2}{a^2} + \frac{y^2}{b^2}$	
Hyperbolic paraboloid	<u>פרבולואיד היפרבולי</u> $z = \frac{x^2}{a^2} - \frac{y^2}{b^2}$	
Elliptic hyperboloid of one sheet	<u>היפרבולואיד אליפטי I</u> $\frac{x^2}{a^2} + \frac{y^2}{b^2} - \frac{z^2}{c^2} = 1$	
Elliptic hyperboloid of two sheets	<u>היפרבולואיד אליפטי II</u> $\frac{x^2}{a^2} + \frac{y^2}{b^2} - \frac{z^2}{c^2} = -1$	
Elliptic cone	<u>חרוט אליפטי</u> $\frac{x^2}{a^2} + \frac{y^2}{b^2} - \frac{z^2}{c^2} = 0$	
Elliptic cylinder	<u>גליל אליפטי</u> $\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1, z \in \mathbf{R}$	
Hyperbolic cylinder	<u>גליל היפרבולי</u> $\frac{x^2}{a^2} - \frac{y^2}{b^2} = 1, z \in \mathbf{R}$	
Parabolic cylinder	<u>גליל פרבולי</u> $x^2 + 2ay = 0, z \in \mathbf{R}$	

From: [https://en.wikipedia.org/wiki/User:Sam\\_Derbyshire/Gallery](https://en.wikipedia.org/wiki/User:Sam_Derbyshire/Gallery) and <https://en.wikipedia.org/wiki/Quadric>