Representation of *f* orbitals

$f_{z^3 - \frac{3}{5}zr^2}$

$f_{x^3 - \frac{3}{5}xr^2}$

$f_{y^3 - \frac{3}{5}yr^2}$

f_{xyz}

$f_{y(x^2 - z^2)}$

$f_{x(z^2 - y^2)}$

$f_{z(x^2 - y^2)}$

17