

$$I = \begin{bmatrix} \frac{1036}{27077} + \frac{2340}{27}r & \frac{2712}{46793} + \frac{5761}{10723}r & \frac{768}{11644} - \frac{2044}{21702}r & \frac{24}{6709} - \frac{9331}{2218}r & 1 - 21r \\ \frac{27}{2200} - \frac{9}{4206}r & \frac{18}{10723} - \frac{6}{1043}r & \frac{9}{21702} + \frac{3}{4984}r & \frac{54}{2218} - \frac{18}{2842}r & 120 - 504r \\ \frac{27}{1-21r} & \frac{9}{120-504r} & \frac{9}{1191-310r} & \frac{27}{2416+1680r} & 1191-310r \\ \ddots & \ddots & \ddots & \ddots & \ddots \\ & 1-21r & 120-504r & 1191-310r & 2416+1680r \\ & & 1-21r & 120-504r & \frac{22108}{27} - \frac{2842}{54}r \\ & & & 1-21r & \frac{6709}{54} - \frac{9331}{24}r \end{bmatrix}$$