$$F_{yb}^E \quad F_{yc}^E \quad R_{md}$$
$$F_{mb}^E \quad F_{mc}^E \quad \theta_d = 0$$
$$R_{yb} \quad R_{yc} \quad R_{yd}$$
$$u_b = 0 \qquad u_c = 0 \qquad u_d = 0$$