

- (5) 1. Find an equation of the plane that passes through the points $P(1, 1, 0)$ and $Q(3, 0, 2)$ and is perpendicular to the plane $2x - y + 3z = 4$.

- (5) 2. Find parametric equations of the line of intersection of the planes $x + y + 2z = 0$ and $3x - y + 5z = 8$.