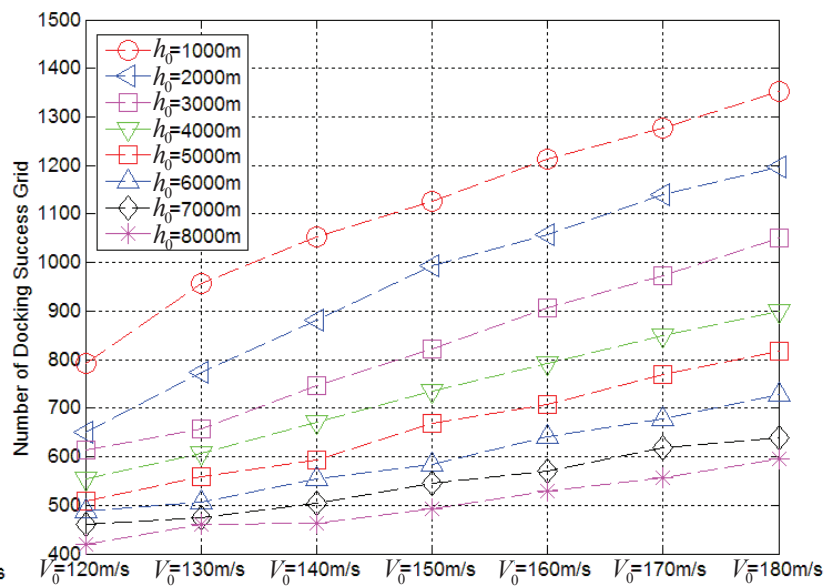
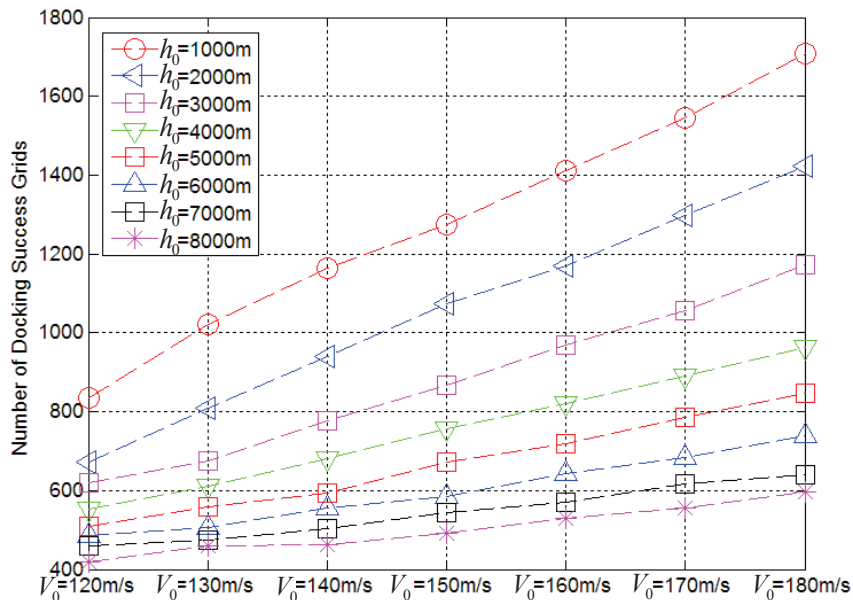


(a)  $\mathbf{Q}=\text{diag}(10\ 10\ 10\ 10\ 10\ 10)$ ,  $\mathbf{R}=\text{diag}(1\ 1)$



(b)  $\mathbf{Q}=\text{diag}(100\ 10\ 10\ 10\ 10\ 10)$ ,  $\mathbf{R}=\text{diag}(10\ 1)$



(c)  $\mathbf{Q}=\text{diag}(100\ 10\ 10\ 10\ 100\ 10)$ ,  $\mathbf{R}=\text{diag}(10\ 1)$