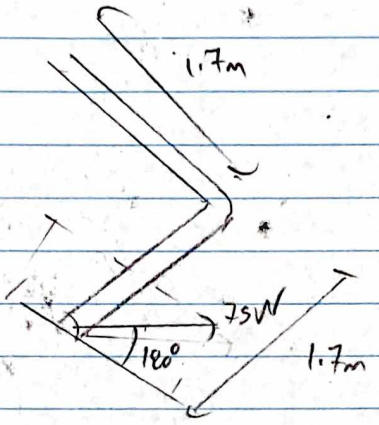
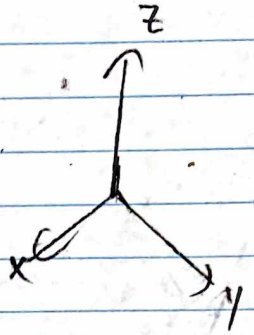
Solutions: 21-5-4.7-MH-04





$F_R = 0\,\hat{i} + 75\cos 180\,\hat{j} + 75\sin 180\,\hat{k}$

$F_R = 0\,\hat{i} + 75\,\hat{j} + 0\,\hat{k}$

$M_1 = r \times F =$

$\hat{i}$	$\hat{j}$	$\hat{k}$	$\hat{i}$	$\hat{j}$
1.7	1.7	0	1.7	1.7
0	-75	0	0	-75

$(1.7)(-75)\,\hat{k} = -127.5\,\hat{k}$

$M_1 = -127.5\,\hat{k}$

FIVE STAR.