

Download File PDF Rc Hibbeler Statics 13th Edition Solutions Manual 142159

#Jenny



Finally I get this ebook, thanks for all these I can get now!

#Rio



Cool! I'am really happy

#Markus Jensen



I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

#Hun Tsu



wtf this great ebook for free?!

#Che Salsa



My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

The parallelogram law of addition and the triangular rule are shown in Figs. a and b, respectively. Applying the law of cosines to Fig. b,

$$F_R = \sqrt{6^2 + 8^2 - 2(6)(8)\cos 75^\circ} = 8.669 \text{ kN} = 8.67 \text{ kN}$$

Ans.

Applying the law of sines to Fig. b and using this result, yields

$$\frac{\sin \alpha}{8} = \frac{\sin 75^\circ}{8.669} \quad \alpha = 63.05^\circ$$

Thus, the direction angle ϕ of F_R measured clockwise from the positive x axis is $\phi = \alpha - 60^\circ = 63.05^\circ - 60^\circ = 3.05^\circ$

Ans.

[Download PDF version of :](#)

Rc Hibbeler Statics 13th Edition Solutions Manual 142159

