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Summary of Fores
Acting on Member ABC

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$\pm \sum M_{A} \Rightarrow 0$

$-1.5+\frac{50}{182}+\sqrt{B C}(.025)$
F
F.B.A of $A B$

$$
\begin{aligned}
&+\frac{175}{182} F_{B C}(1000)=0 \\
& F_{B C}=+21.84 \mathrm{kN} \\
& \hline \text { as shown }
\end{aligned}
$$

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$$
F B D_{0} \text { F } B C
$$






$$
\begin{aligned}
& +9 \sum F_{y}=0 \\
& -6+N=0
\end{aligned}
$$



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Statics $\qquad$
$\qquad$
$\qquad$ of $\qquad$


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