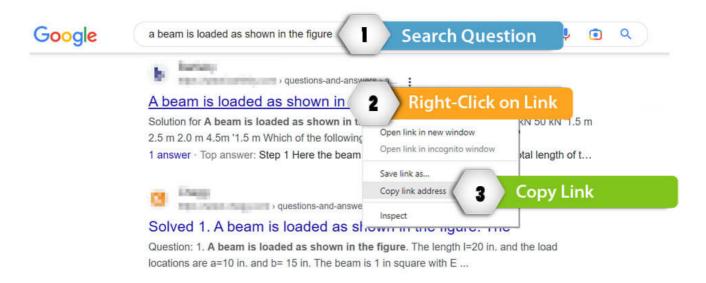
4/20/23, 10:41 AM Loading...

<< Search more Solutions!

Found Errors in Solution? >> Report here!

To do: If you are getting wrong answer or irrelevant answer.

Fix #1 >> We suggest you to follow the directions shown in the below image to get right question link.

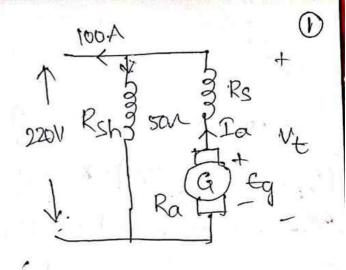


Answer

Please give me an upvote for my efforts. It'll help to answer more questions. If you are having any doubt s please comment me before giving down the vote.thank you

$$R_{a} = 0.051$$

 $I = 100A$; $R_{s} = 0.025$
 $I_{sh} = \frac{220}{50}$
 $I_{sh} = \frac{4.4}{50}$
 $I_{a} = 104.11A$



Eg = V+ Ta (Ra+Rsh) + bsushdapp = 220+ (104.4) (0.075)+2

· Eg = 229.834 oftray losses = 1 kw (Iron & friction losses)

Eg = 229.834 Copper losses = 2a (Rathse) + VIsh = 1.785kw

output of poine noting = Vt Tat Cu lossey
=220×100+1.785 kw
=83.785 kw

Likes: 1 Dislikes: 0