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What did you get for the bound current? $\qquad$
A) Fraction of an amp
B) $\sim 10 \mathrm{~A}$ $\qquad$
C) $\sim 1000 \mathrm{~A}$
D) ~MA $\qquad$
E) Nowhere near (order of magnitude) any of these... $\qquad$
6.6

A sphere has uniform magnetization M in the z direction. $\qquad$
Which formula is correct for this surface current?
A) $\mathrm{M} \sin \theta \hat{\theta}$
B) $\mathrm{M} \sin \theta \hat{\varphi}$
C) $\mathrm{M} \cos \theta \hat{\theta}$
D) $\mathrm{M} \cos \theta \hat{\varphi}$
E) None of these!


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