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Sources Of Magnetic Fields Sources Of Magnetic Fields

At Point P? Draw Amperian Loop Through P Around Current Source And Integrate B. DI Around Loop P DI \$\$!\$ $\int B \cdot d!$ \$ L = μ 0I B2 π r = μ 0I R I B π μ 2 =0 Then B . DI = BdI Integral Is B(2 π r) Force Between Two Current-carrying Wires I1 I2 B2 B1 Current 1 Produces A Magnetic Field B1 = μ 0I/ (2 π D) At The Position Of Wire 2. D 4th, 2024

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7 Katie's Paradise L1 A Ayuso 122 8 8 I'll Do It For You L R Barber 122 20 Eighth Race Approx Post Time: 4:28PM Mark Bet Slips North Track \$1 Exacta / \$0.50 Trifecta \$1 Superfecta (.10 Min) / \$2 Rolling Double \$1 Rolling Super High Five Leg 2 Of The \$1 Golden Hour Pick 4 (starts With Race 8 At Santa Anita) 1M. (All Weather). Starter Allowance ... 1th, 2024

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5 Katie's Paradise L K Orozco 122 20 6 Zakar L B Pena 122 15 7 This Is The One L C Martinez 122 7/5 8 Sweet And Softly L E Roman 122 5 9 Vegas Palm L I Orozco 122 9/2 Eighth Race Approx Post Time: 4:35PM Mark Bet Slips North Track \$1 Exacta / \$0.50 Trifecta \$1 Superfecta (.10 Min) / \$2 Rolling Double \$1 Rolling Super High Five Leg 2 Of The \$1 ... 1th, 2024

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IX. Source Of Magnetic Fields - Worked Examples

Perpendicular To The Vector R And Each Length Elements Around The Loop Are At The Same Distance From The X-axis, Hence At Point P, We Have $^{\circ}$ 00 22 $^{\circ}$ 44 Id Ids DB Rx $\mu\mu$ $\pi\pi$ × == + Sr R2 G (6.1) By Symmetry, The Magnetic Field Must Point Along The X-axis: 00 22 223/ Cos Cos X 44(Ids Ids R DB DB XR XR)2 μ θ μ θ $\pi\pi$ === ++ (6.2) 9File Size: 363KB 1th, 2024

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O Magnetic Moment Of An Atom With No Spin Will Be Due Entirely To Orbital Motion: $! S^= s^I I=1 N "! \mu^= \mu B! L^PY3P05 O$ Interaction Energy Between Magnetic Moment And A Uniform Magnetic Field Is: O Assume B Is Only In The Z-direction: O The Interaction Energy Of The Atom Is The 1th, 2024

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