Fan 3hi Jong 0386H Physics Magnetic field & Electromagnetism Muss of slide = 35×10-3 = 3.57×10-3 (-9(35-4) Current = -3:5 A Current flows from left to right of metal slide. $F = BIL \sin \theta + mg$ $VMen I = 1.49, 45 \times 10^{-3} = B(1.0)(0.04) + (3.868 \times 10^{-3})(9.81) \text{ yet. ng}$ B = FILSING / TO BE TO THE 2011 Cult 2011) A testa is the magnetic flux density if a force of +A+/N acts on a wire of length I'm carroging a current of IA placed perpendicular to the magnetic field. 2bi) When the straight conducting were YIY carrying a current I in the same direction are separated a distance d from each other, their magnetic fields converge and the resultant forces cause them to settrait. WK FILHR. Draw 3-D dayou.

Subject: Date: (bit) But (2) Tita(1)= The forces between them are too weat for them forces and to attract and stick to each other as the compared to right weight of the views prevent them from bending & tension of towards each other to a large extent, cable: When V=0, F=0the situations are: 1) particle is not moving stationary 2) particle is moving parallel to direction of 35

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