

Re: MIT's Walter Lewin's twice surprises the EE professors! (fun)

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I don't get the last paragraph of the first page.

"There is no electric field in this loop if the resistance of the wire making up the loop is zero."

He is idealizing isn't he. If the wire is really a perfect conductor why would force be needed to keep them moving along. It is like no friction. Not the case for a real wire but so what? Its an idealization where all the resistance is put into the resistor.