A flaw in a textbook derivation of Faraday's law BERND BERG,
Florida State University — It is found that the derivation of Faraday's law in Jackson
applies only to special situations, which leave, for instance, already out the important
case of a loop rotating in a constant magnetic field. A derivation of the general case
is given borrowing some arguments from Landau, Lifshitz and Pitaevskii.

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