

GRE Preparation Introductory E&M

[Saudi Physical Society Students' Chapter]



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http://faculty.kfupm.edu.sa/phys/zhyamani/teaching/GRE_Preparation_Intro_E_M/GRE_Preparation_E_M.html

15-1-1436
8-11-2014

Introduction:

- This is my first lecture after my operation; so, it is challenge not only for you 😊😊
- What are we ‘really’ trying to achieve?? [GRE is not the end of it!]
- A review of undergraduate physics (Bayman & Hamermesh)
- My lectures on Intro. E&M

Introduction:

- [The website](#)
- How we will move forward
- You have four exams [you have them, right?]
- There are good problems for Intro. E&M which I have posted on my web

Introduction:

How to ace the GRE

- Fabulously understanding undergraduate physics is necessary but not sufficient!
- Memorization.. formulae and constants
- Intuitive thinking
- (smart) Guessing
- Eliminating impossible (or improbable) choices
- Understanding the problems and connecting it with physics subjects!!
- Solving the Math steps!
- Be VERY quick.. no need for formality.. On the bubbled answers count!
- Be humble and modest: skip the tough questions 😊😞😊

[also read the article which I linked on my website]

Introduction:

Rules of the “game”:

I need a time keeper: We should rest every ~ 25 minutes

At ~11.15, I will stop for Q&A. If there are no questions, I might ask 😊.. and/or move on with more GRE problem solving!

Please interact with me through gestures, through the microphone and/ or through chat.

Have scratch paper and a pen handy. I will be asking you to solve with me!!

Connect with the One Lord..

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Let's start with Exam 0177