



مقرر رياضيات (٢)

Kafrelsheikh University  
Faculty of Education  
Mathematics Department

2019 - 2020  
First Year  
Biology

Subject: Mathematics (2)

**Suggested research topics**

- 1-Differentiation of trigonometric functions
- 2-Differentiation of implicit functions
- 3-Differentiation of Parametric functions
- 4-Logarithmic Differentiation
- 5-Differentiation of inverse trigonometric functions
- 6-Applications of Differentiation
- 7-Integration using algebraic substitutions
- 8- Integration using trigonometric substitutions
- 9- Integration using partial fractions
- 10- Integration by Parts