Solutions to exercises from Michel Le Bellac, "A short introduction to quantum information and quantum computation"

Contents

1 Chapter 2

Exercise 1

$$\epsilon_x^{'} = \epsilon_x \cos^2\theta + \epsilon_y \sin\theta\cos\theta e^{-i\eta}$$
$$\epsilon_y^{'} = \epsilon_x \sin\theta\cos\theta e^{i\eta} + \epsilon_y \sin^2\theta$$