

F. J. Duarte, *Fundamentals of Quantum Entanglement* (Institute of Physics, Bristol, 2019)

Corrigenda

Introduction

This is a partial list of corrections to the first edition of *Fundamentals of Quantum Entanglement*.

F. J. Duarte

6.2 The Pryce-Ward paper

Page 6-3, equation (6.4): replace 1 by $\frac{9}{4}$

8.2 The first three quantum entanglement experiments

Page 8-2, equation (8.3): replace 1 by $\frac{9}{4}$

10.5 Example

Page 10-4, line 5: delete the last word in this line

21.6 Discussion

Page 21-7, line 10: replace “mechanics” by “communications”

C.1 The classical interference equation

Page C-1, equation (C.3): replace the power $-\frac{1}{2}$ by $+\frac{1}{2}$

C.2 The difference between classical and quantum interference

Page C-2, equation (C.7): replace the power $-\frac{1}{2}$ by $+\frac{1}{2}$

G.1 Trigonometric identities

Page G-2, in identities (G.14), (G.15), (G.18), and (G.19): insert $\frac{1}{2}$ in front of both angular quantities. For example $\cos(\varphi - \theta)$ and $\cos(\varphi + \theta)$ in (G.14) become $\cos\frac{1}{2}(\varphi - \theta)$ and $\cos\frac{1}{2}(\varphi + \theta)$, respectively.