Foundations of Physics (2021) 51:51
https://doi.org/10.1007/s10701-021-00451-y

CORRECTION

# Correction to: The Dead-Alive Physicist Experiment: A Case-Study Against the Hypothesis that Consciousness Causes the Wave-Function Collapse in the Quantum Mechanical Measurement Process

**Carlo Roselli**[1] · **Bruno Raffaele Stella**[2]

Published online: 13 April 2021


**Correction to: Foundations of Physics (2021) 51:21**
**https://doi.org/10.1007/s10701-021-00427-y**

The authors would like to correct the errors in the publication of the original article. The corrected details are given below:

(a) Legend to Fig. 1: "Fig. 1 Distance from L, where P" should be changed to "Fig. 1 The sealed room, where **P**".

Bruno Raffaele Stella—Currently retired from Dipartimento di Fisica, Università Roma Tre and INFN Roma Tre, Rome, Italy.

The original article can be found online at https://doi.org/10.1007/s10701-021-00427-y.

✉ Bruno Raffaele Stella
brunoraffaelestella@gmail.com

Carlo Roselli
beswick@tiscali.it

[1] Rome, Italy

[2] Dipartimento di Fisica, Università Roma Tre, INFN Roma Tre, Rome, Italy

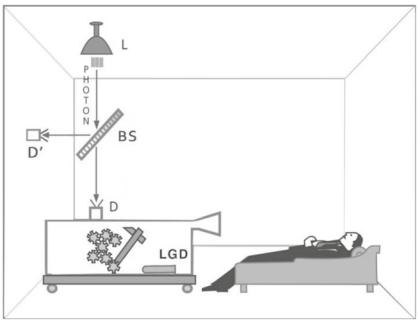


**Fig. 1** The sealed room, where P, under the **CB** effect, is unconscious during the time interval between a few seconds after 11:00 AM and 12:00 + $\Delta t_1$ PM (where $\Delta t_1$ is the time required by the photon and the photon WF to travel from L to just before reaching D and D', here positioned at the same distance from L)

(b) Legend to Fig. 2: "Fig. 2 Open the room superposition" should be changed to "Fig. 2 Illustration of the (hypothetical) superposition".

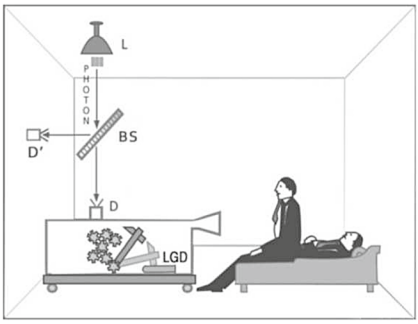


**Fig. 2** Illustration of the (hypothetical) superposition of macroscopically distinct states of all measuring apparatuses, P included, during the time interval between 12:00 + $\Delta t_1$ and 1:30 PM, that is the time W has in mind to open the room

(c) Eq. 2: should be changed to

$$|\psi>=\left(|T,\ \text{D registers}\ >|\mathbf{P}\ \text{dead}\ >+|R,\ \text{D}'\ \text{registers}\ >|\mathbf{P}\ \text{alive-unconscious}\ >\right)/\sqrt{2} \qquad (2)$$