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Supplementary Information for

1887 Michelson-Morley experiment: a new analysis with computer assistance

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1. Files in the Excel

SI 1.1 Positions and orientations set for the instrument components.

SI 1.2 Measured dual effects: path differences (δ) and beam shifts (d1/d2).

SI 1.3 The means and final means of the simulation fringes.

2. Files in the PDF

SI 2.1 Michelson Interferometer, Indiana University (Page 40-1 to 40-3).

SI 2.2 Michelson Interferometer, The University of Sydney (Page 12 of 24).

3. CAD and Excel files grouped with the same filename

SI 3.1.1-4 Detailed simulation for the mirror adjustments.

SI 3.2.1-4.1-16 Simulation of the full-turn observations: recorded dual effects.