

LABORATORIO DI FISICA - LICEO SCIENTIFICO G. SALVEMINI
ESPERIMENTO M11 - MISURA TEMPI

DATA

23/10/2017

CL.

1C

TABELLA MISURE

tempi (s)	periodi (s)	tempi (s)	periodi (s)	tempi (s)	periodi (s)	tempi (s)	periodi (s)	tempi (s)	periodi (s)
7,62	1,524	7,25	1,450	7,38	1,476	7,35	1,470	7,28	1,456
7,78	1,556	7,31	1,462	7,41	1,482	7,42	1,484	7,45	1,490
7,53	1,506	7,08	1,416	7,47	1,494	7,13	1,426	7,43	1,486
7,55	1,510	7,28	1,456	7,41	1,482	7,34	1,468	7,39	1,478
7,62	1,524	7,47	1,494	7,42	1,484	7,51	1,502	7,49	1,498
7,6	1,520	7,29	1,458	7,24	1,448	7,14	1,428	7,17	1,434
7,42	1,484	7,38	1,476	7,37	1,474	7,21	1,442	7,32	1,464
7,35	1,470	7,22	1,444	7,55	1,510	7,27	1,454	7,06	1,412
7,29	1,458	7,19	1,438	7,31	1,462	7,22	1,444	7,01	1,402
7,54	1,508	7,62	1,524	7,48	1,496	7,95	1,590	7,01	1,402

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CL. **1C**

TOT MISURE **50**

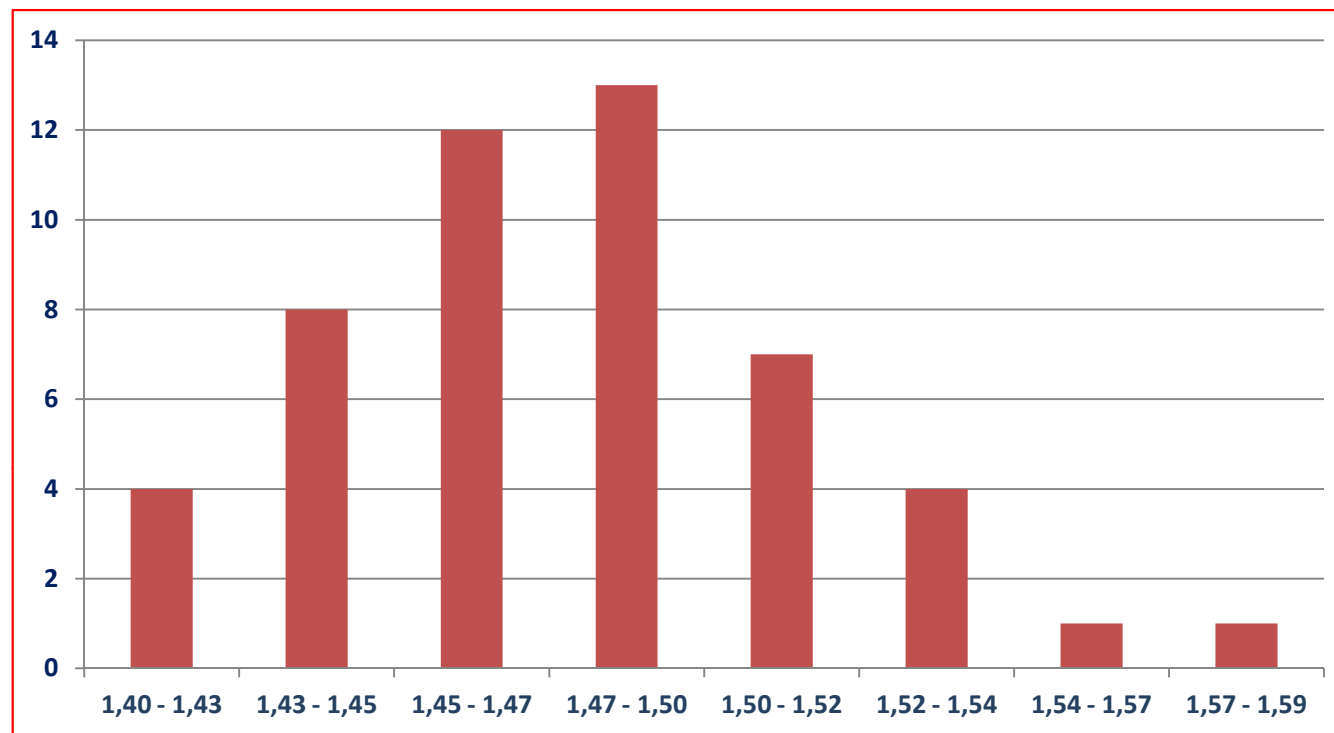
PERIODO **1,47** s

max **1,59** s

min **1,40** s

SEMIDISPERSIONE **0,09** s

S.Q.M. **0,04** s



PENDELO SEMPLICE

LUNGHEZZA **0,910** ± **0,001** m

PERIODO **1,91** ± **0,06** s

$$T = 2\pi \sqrt{\frac{L}{g}}$$