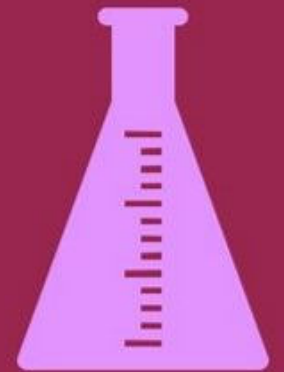
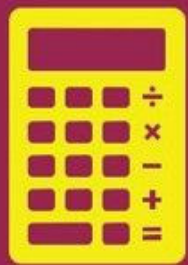


# L'INCLUSIONE DELLE DONNE NEL MONDO SCIENTIFICO E IL VALORE DELLA DIVERSITÀ



LICEO STATALE E. BOGGIO LERA E LICEO GINNASIO STATALE M. CUTELLI E C. SALANITRO



# Video introduttivo



# STEM AL FEMMINILE

SOPHIE  
GERMAIN



ADA  
LOVELACE

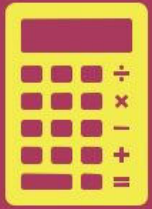


EUNICE NEWTON  
FOOTE



ERSILIA VAUDO  
SCARPETTA



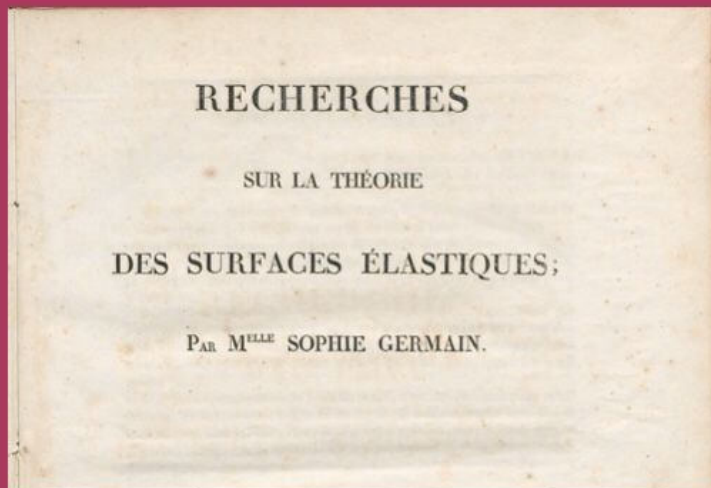


# SOPHIE GERMAIN

1776-1831

## MATEMATICA

- Teoria dei numeri e dell'elasticità
- Antoine Auguste Leblanc: uno pseudonimo maschile
- Joseph-Louis Lagrange: il mentore
- Teorema di Germain





# ADA LOVELACE

1815-1852

## INFORMATICA

- Prima programmatrice della storia
- Charles Babbage e la macchina analitica
- *Nota G*, l'algoritmo per calcolare i numeri di Bernoulli





# EUNICE NEWTON FOOTE

1819-1888

## STUDIOSA DEL CLIMA

- Rivoluzionaria in campo scientifico e sociale
- Circostanze che influenzano il calore dei raggi del sole, 1856
- Una donna nell'oblio: Joseph Henry



382 *On the Heat in the Sun's Rays.*

ART. XXXI.—*Circumstances affecting the Heat of the Sun's Rays;*  
by EUNICE FOOTE.

(Read before the American Association, August 23d, 1856.)

My investigations have had for their object to determine the different circumstances that affect the thermal action of the rays of light that proceed from the sun.

Several results have been obtained.

First. The action increases with the density of the air, and is diminished as it becomes more rarified.

The experiments were made with an air-pump and two cylindrical receivers of the same size, about four inches in diameter and thirty in length. In each were placed two thermometers, and the air was exhausted from one and condensed in the other. After both had acquired the same temperature they were placed in the sun, side by side, and while the action of the sun's rays rose to 110° in the condensed tube, it attained only 88° in the other. I had no means at hand of measuring the degree of condensation or rarefaction.

The observations taken once in two or three minutes, were as follows:

Exhausted Tube.		Condensed Tube.	
In shade.	In sun.	In shade.	In sun.
75	80	75	80
76	82	78	95
80	82	80	100
82	86	82	105





# ERSILIA VAUDO SCARPETTA

1962

## ASTROFISICA

- **Attivista: maggiore partecipazione delle donne nell'ambito STEM**
- **Associazione "Il cielo itinerante" con Alessia Mosca**



# LE ALUNNE E GLI ALUNNI

## LICEO E. BOGGIO LERA

ANNA GUGLIELMINO

DENISE MAGRÌ

GIUSEPPE FERRARA

LUDOVICA DI FEDE

LUISA FALZONE

MATTIA PLATANIA

STEFANO MICHELI

## LICEO M. CUTELLI

CHIARA DI PAOLA

ELISA COCO

GIORDANA MESSINA

GIUSEPPE MANNINO

LORENZO RAPISARDA

TEA VAGLIASINDI