

Centro PRISTEM (Università Bocconi - Milano)

Mateinitaly

UN ANNO DI LABORATORI, DI GIOCHI, DI ... MATEMATICA

in collaborazione con

Centro Interuniversitario di Ricerca
Seminario di Storia della Scienza

Piano Lauree Scientifiche del
Dipartimento di Matematica
(Università degli Studi di Bari Aldo Moro)

Dipartimento di Studi Umanistici
(Università degli Studi di Bari Aldo Moro)

sede del convegno

Università degli Studi di Bari Aldo Moro
Palazzo Ateneo e Centro Polifunzionale Studenti

5 - 7 ottobre 2018

Organizzatori:

Angelo Guerraggio
Francesco Paolo de Ceglia
Simonetta Di Sieno
Sandra Lucente

Comitato locale:

Benedetta Campanile
Lucia De Frenza

Per informazioni visita la pagina web:
<http://matematica.unibocconi.it/articoli/bari-dal-5-al-7-ottobre-il-prossimo-convegno-pristem-mateinitaly>
e-mail: convegnipristem@unibocconi.it

MATEpristem

mateinitaly

SEMINARIO DI
STORIA DELLA
SCIENZA

DIPARTIMENTO DI
MATEMATICA

Piano Nazionale
Lauree Scientifiche

UNIVERSITÀ
DEGLI STUDI DI BARI
ALDO MORO

DIPARTIMENTO DI
STUDI UMANISTICI

SANDRA LUCENTE

*Dipartimento di Matematica
Università degli studi di Bari*

5 Ottobre 2018 h 17.30

Palazzo Ateneo

Passeggiate matematiche a Bari

AUE!!!



1 lungomare, castello
2 stadi, chiese “grosse”

3 università

(4 enti-ferrovie)

5 bifore sulla facciata di San Nicola

8 torri costiere antiturchi da ..a ..

13 Musei (fonte wiki)

...

10^{10} orecchiette...

Oppure un grafo?





Numero vs Forma

Scatto vs Fotografia

Racconto vs Linguaggio formale

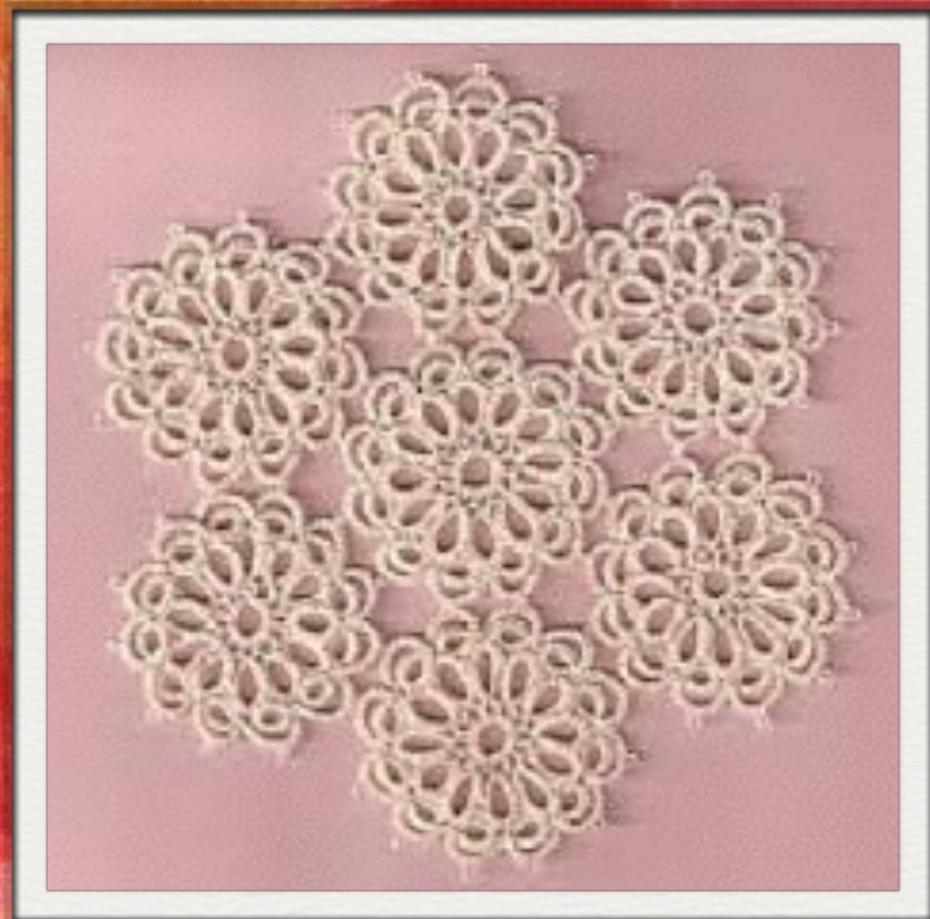


$$\begin{cases} \Delta u + \lambda u = 0 \\ u|_{\partial D} = 0 \end{cases}$$

Locale & Globale

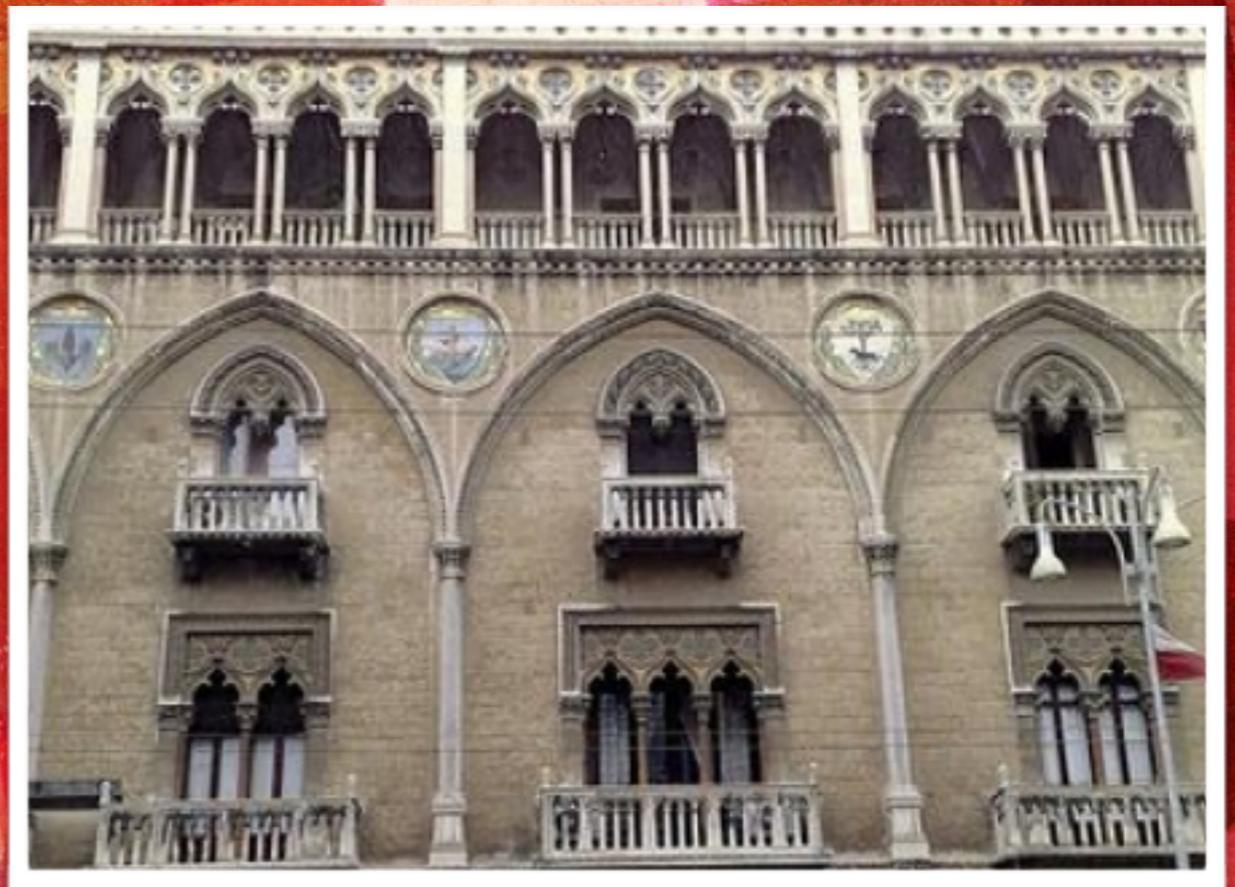
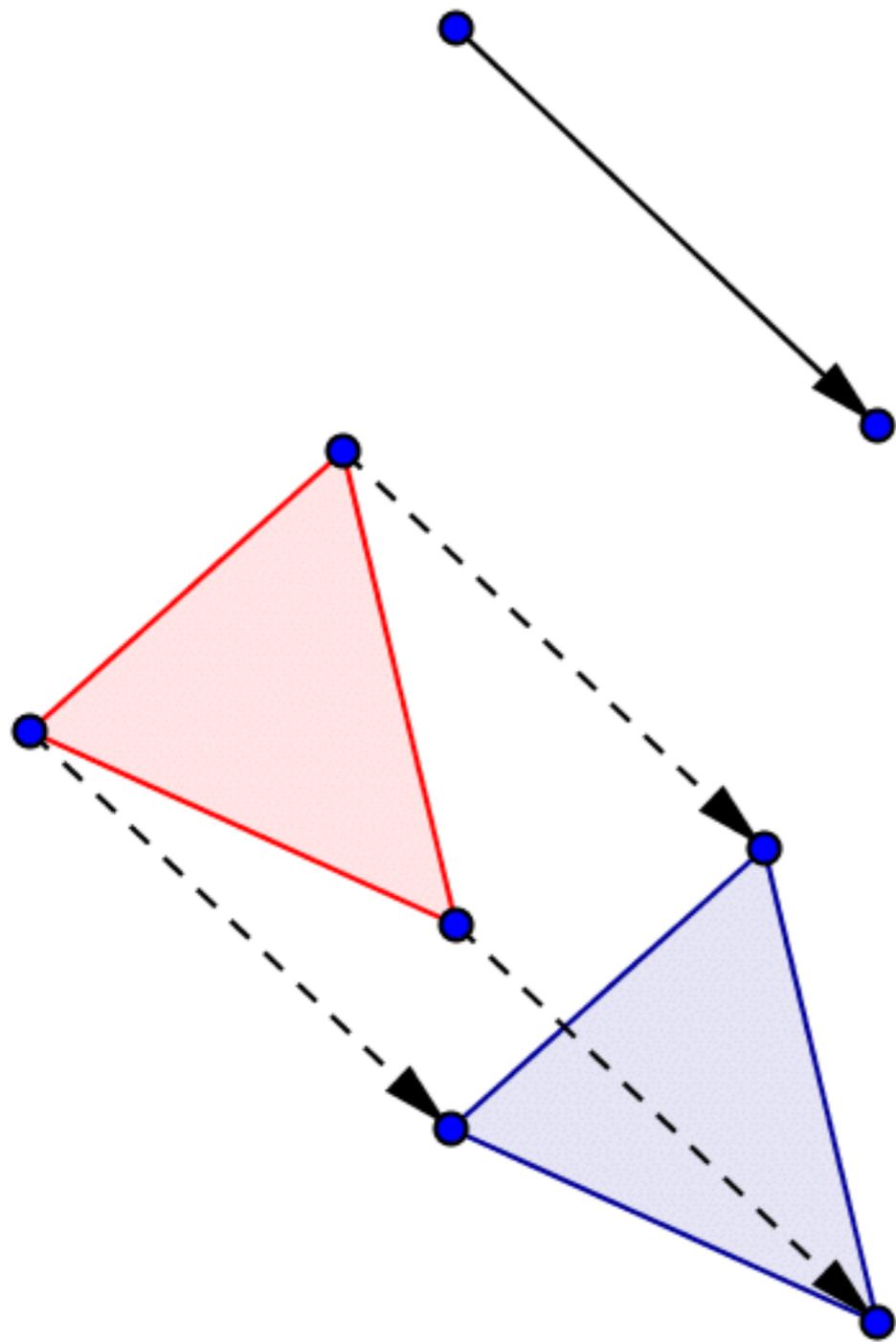
Sguardo & Sentire

Racconto & Linguaggio formale

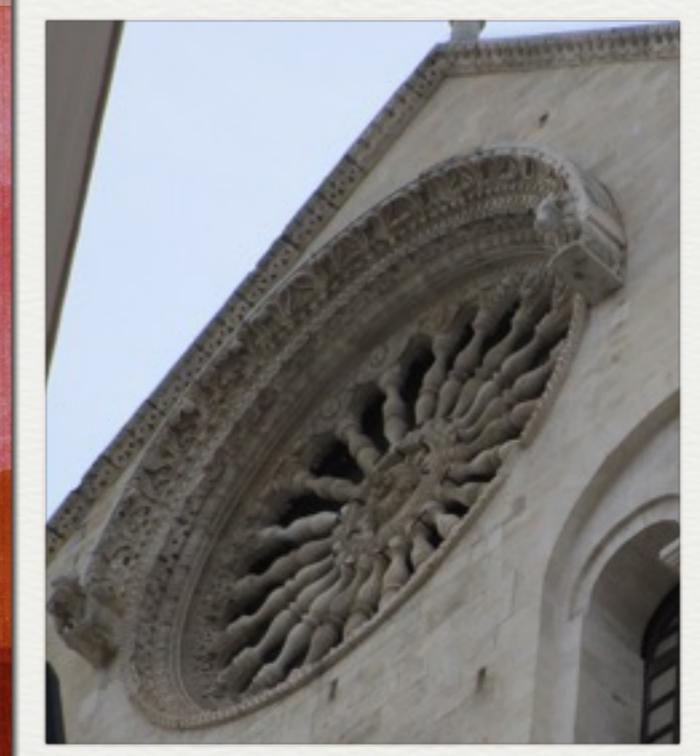
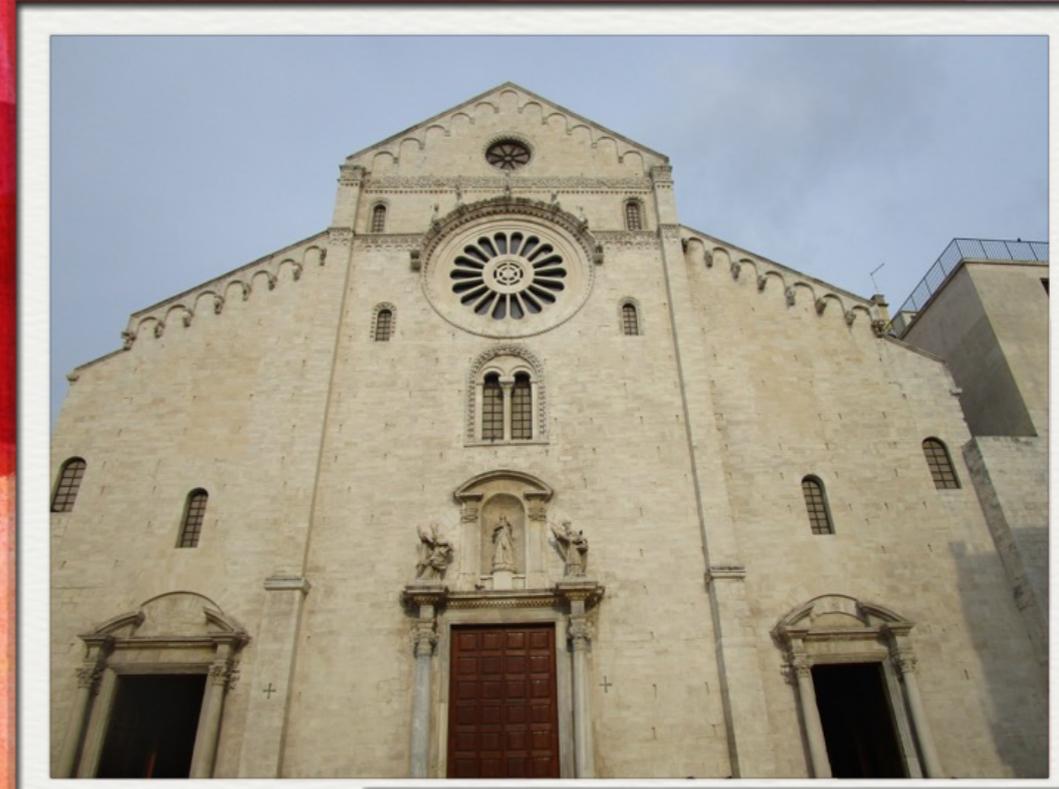
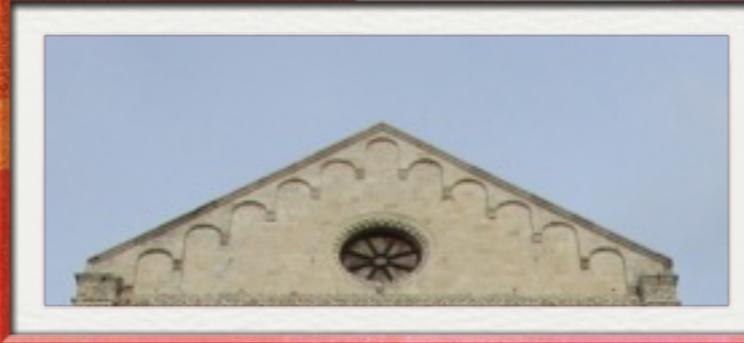
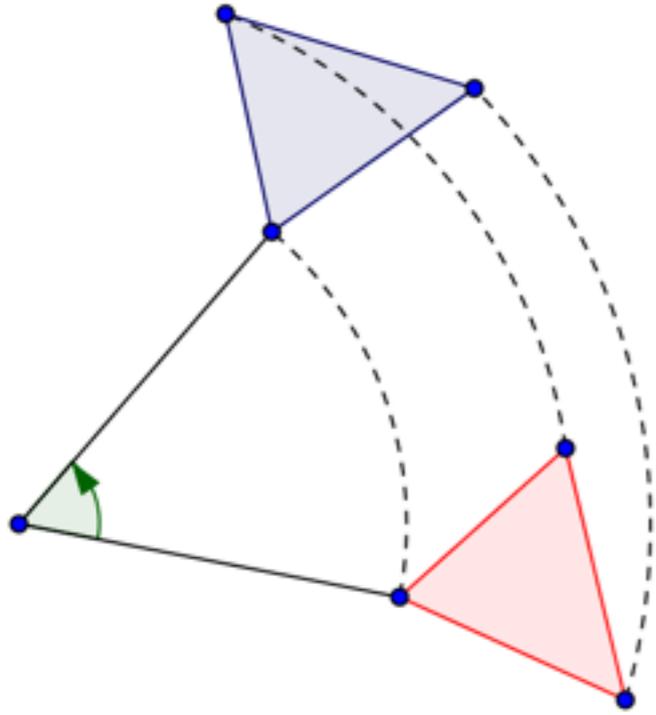


LE ISOMETRIE... MA ANCHE NO!

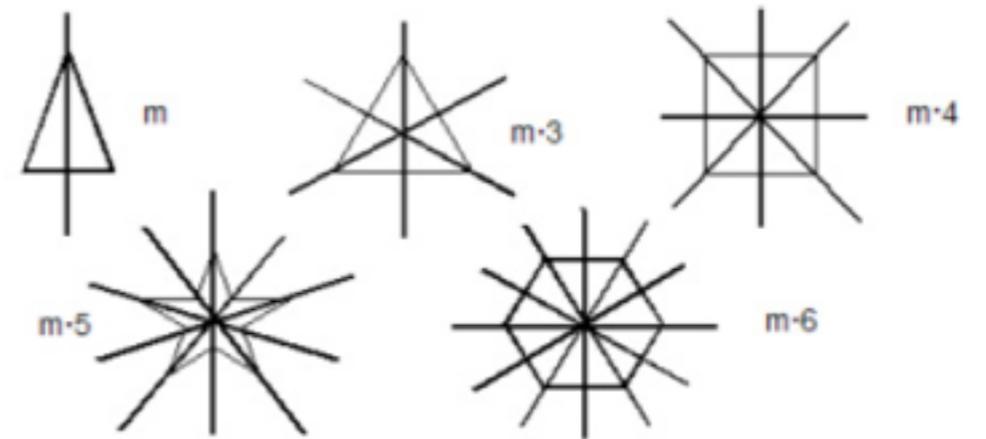
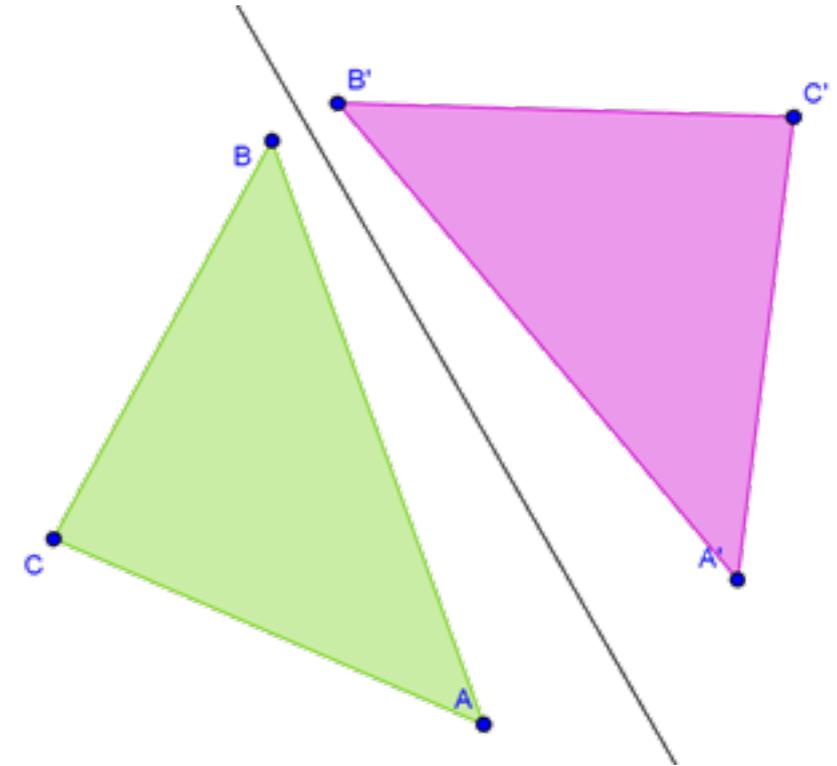
LA TRASLAZIONE

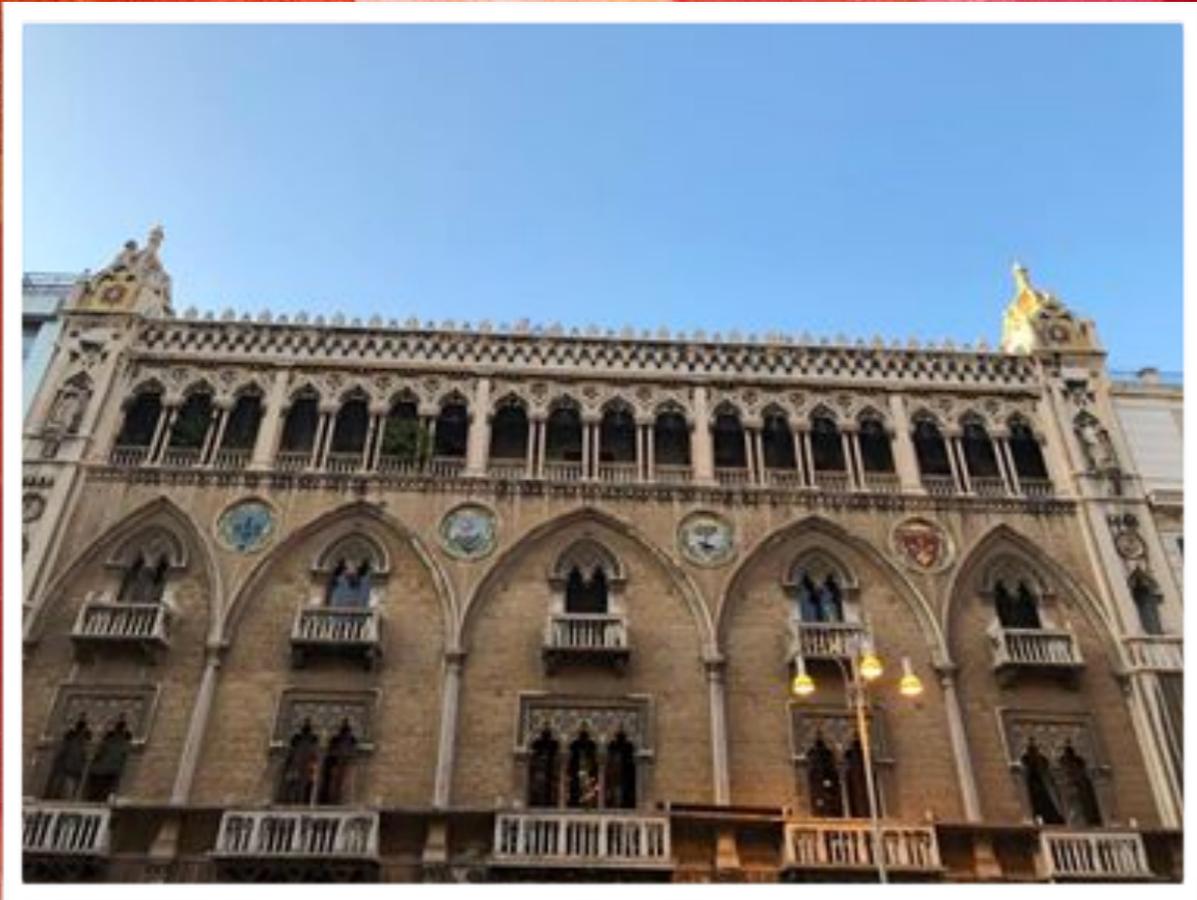


LE ROTAZIONI



LA SIMMETRIA ASSIALE



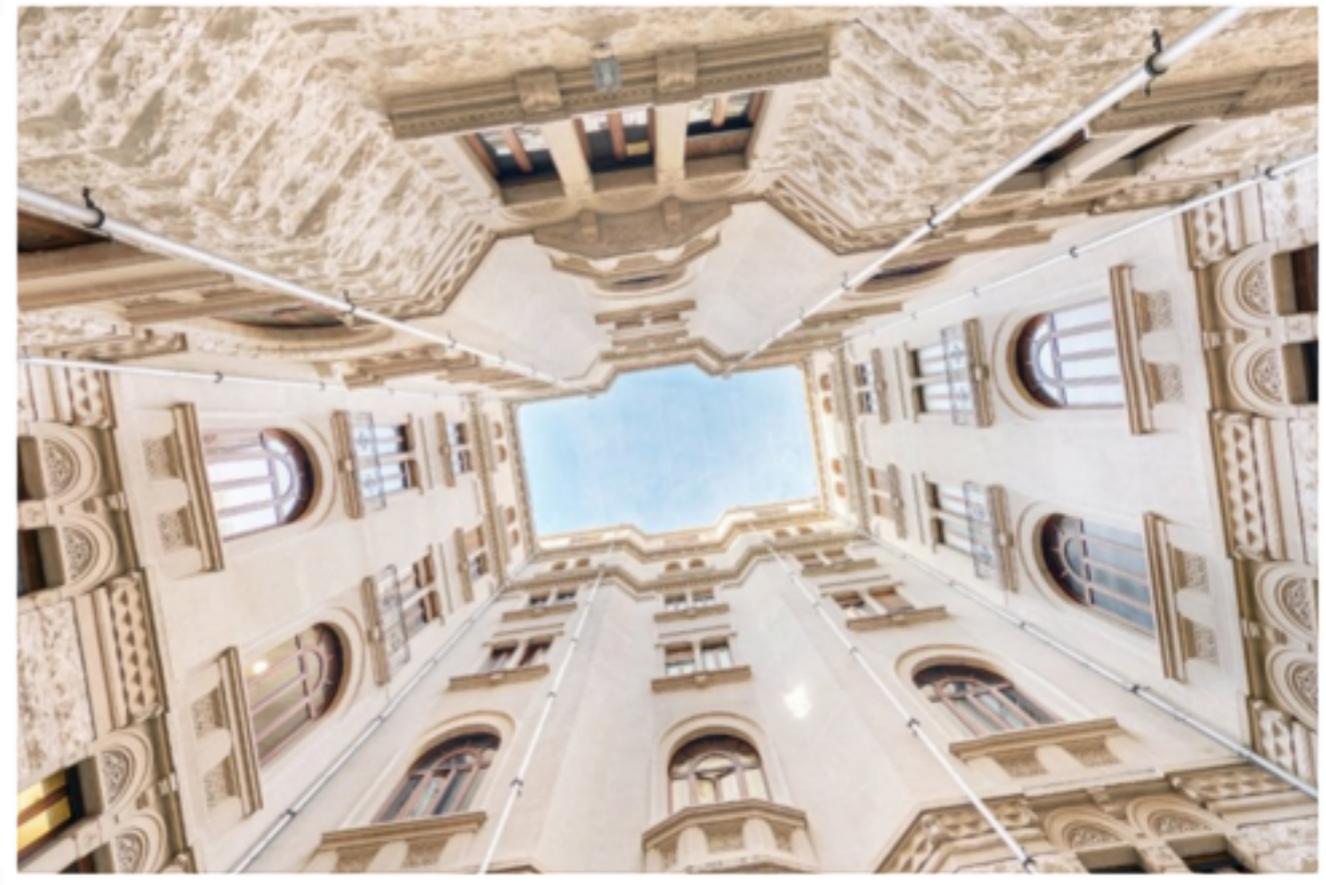
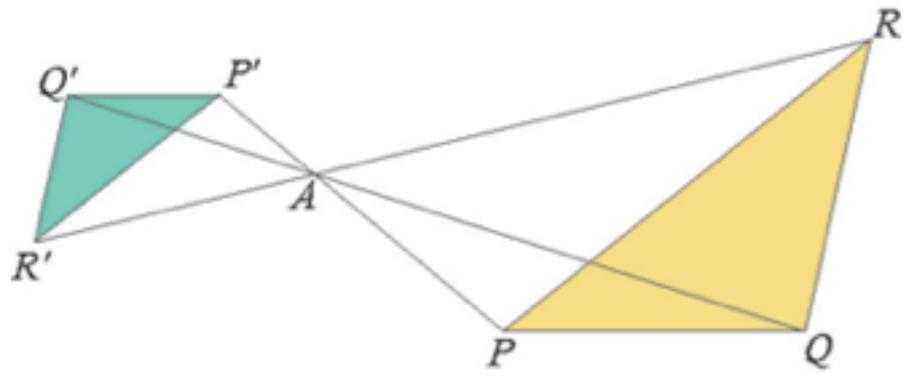


LA ROTTURA DI SIMMETRIA

.....



OMOTETIA

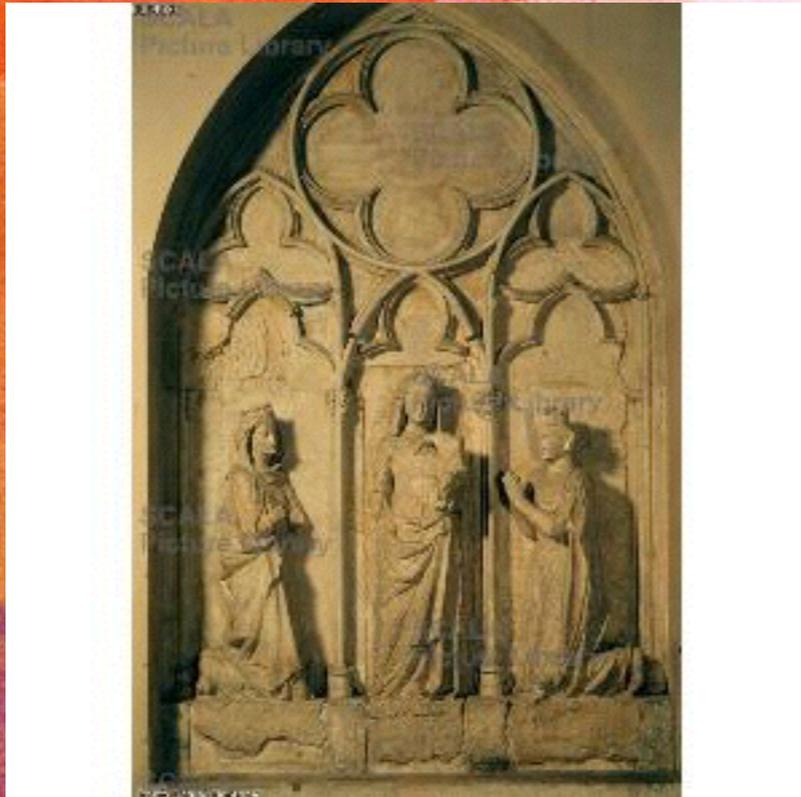
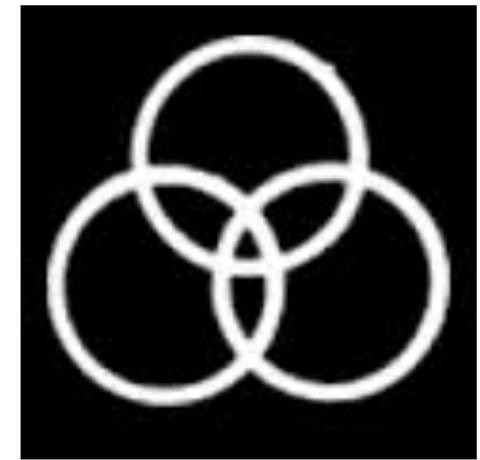
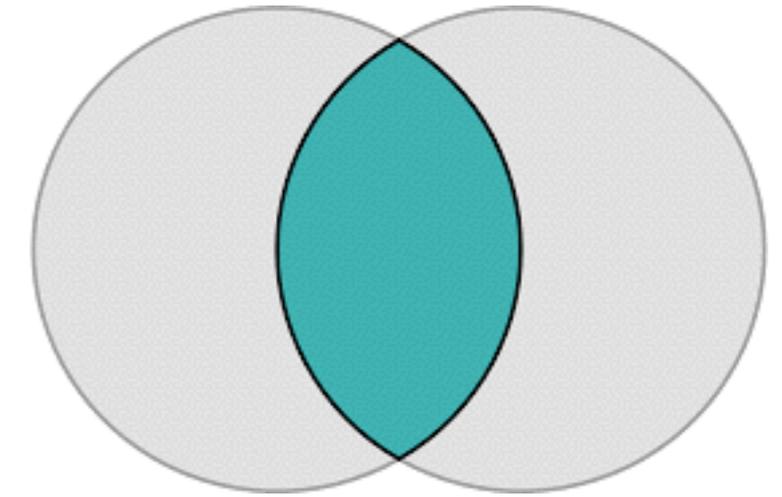




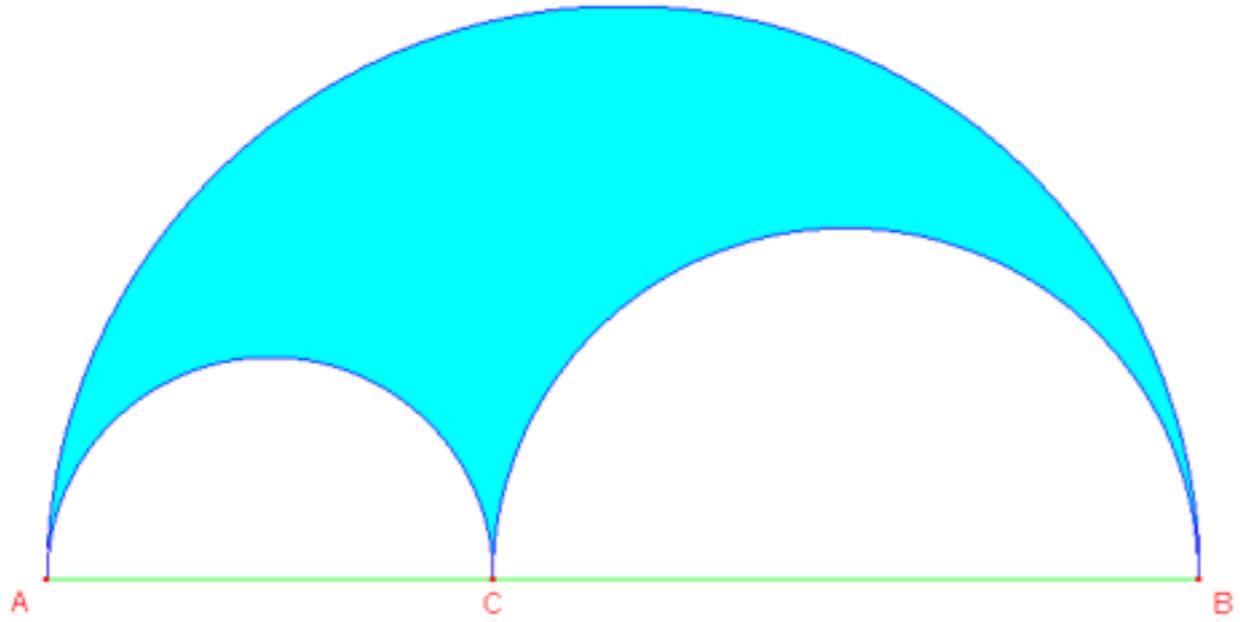
IL NOME DELLE CURVE



ARCHI DI CIRCONFERENZE

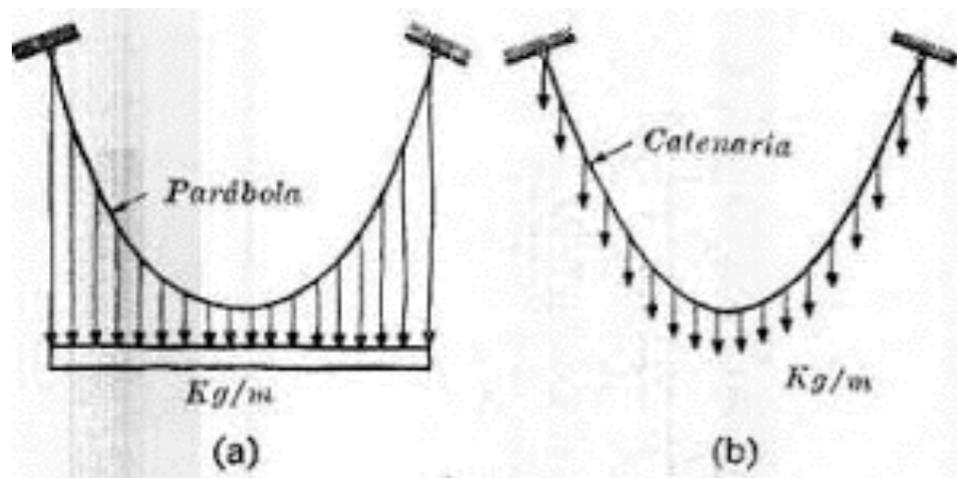


ARBELI



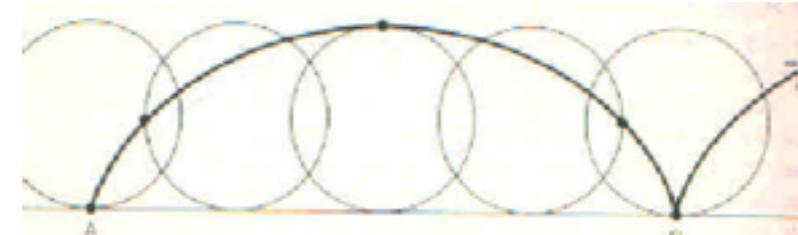
CATENARIA O PARABOLA?

.....

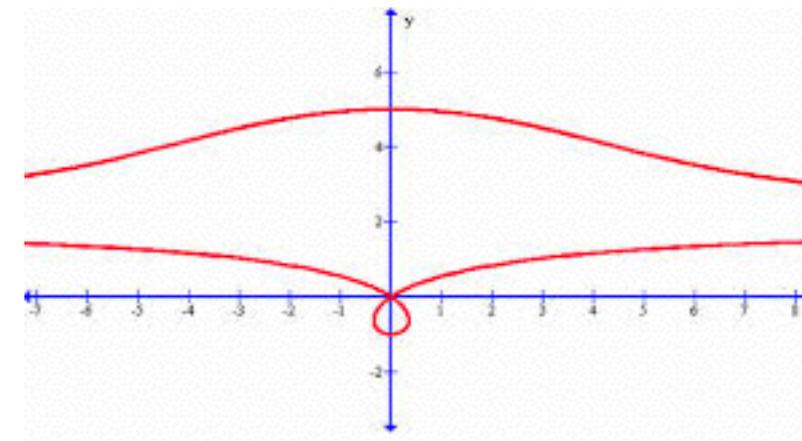




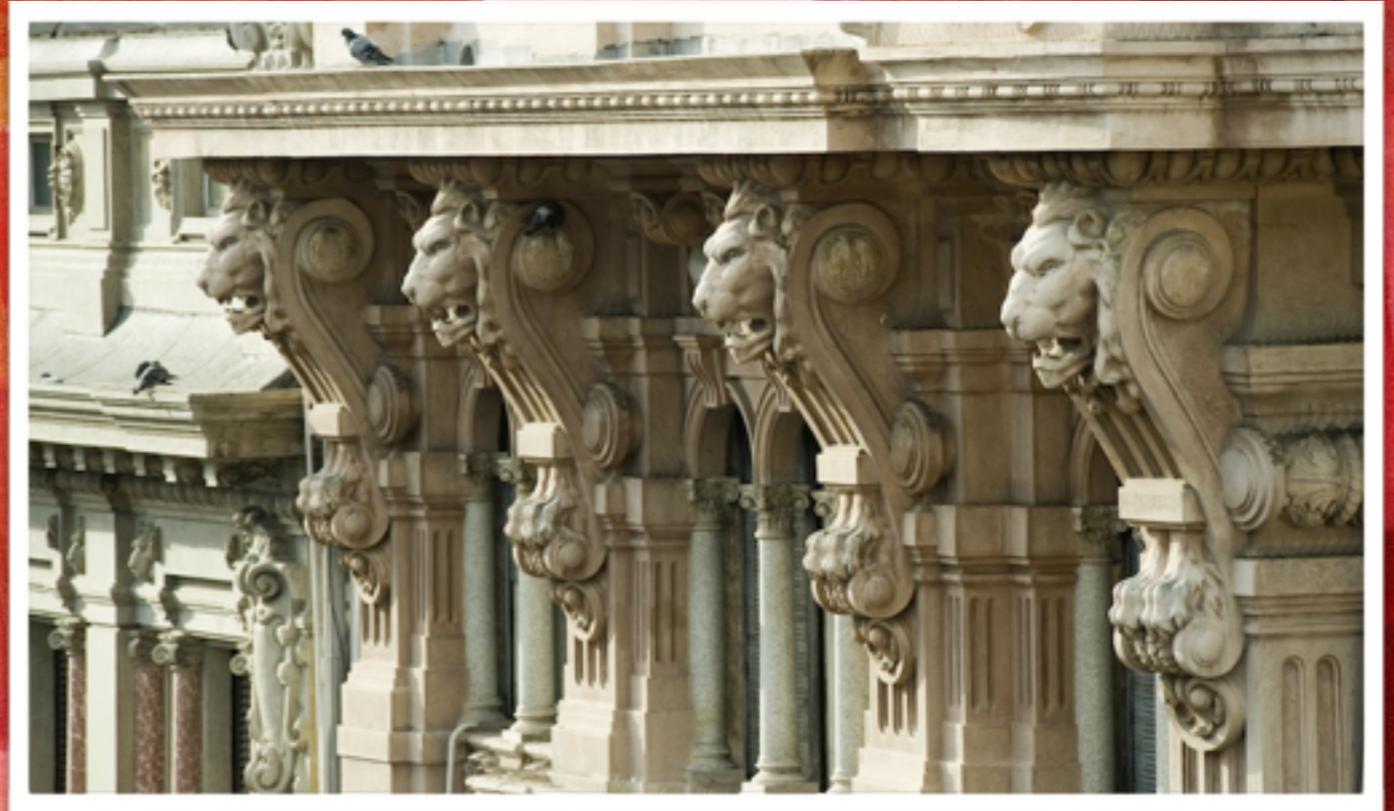
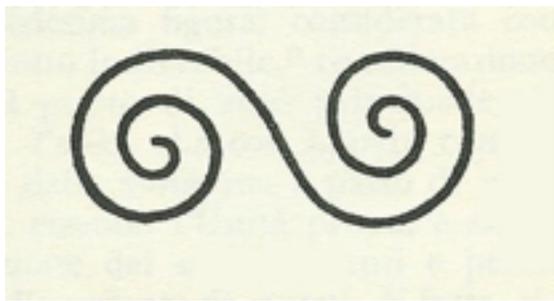
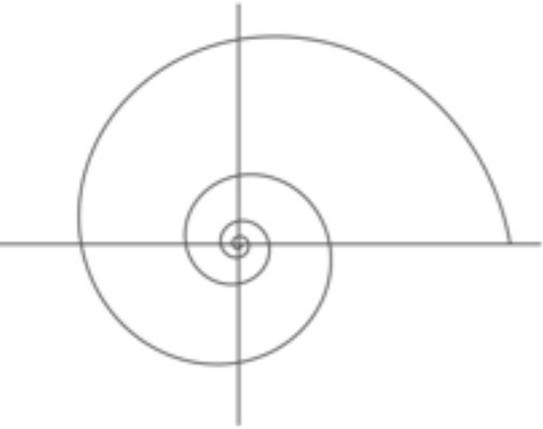
LA CICLOIDE



LA CONCOIDE

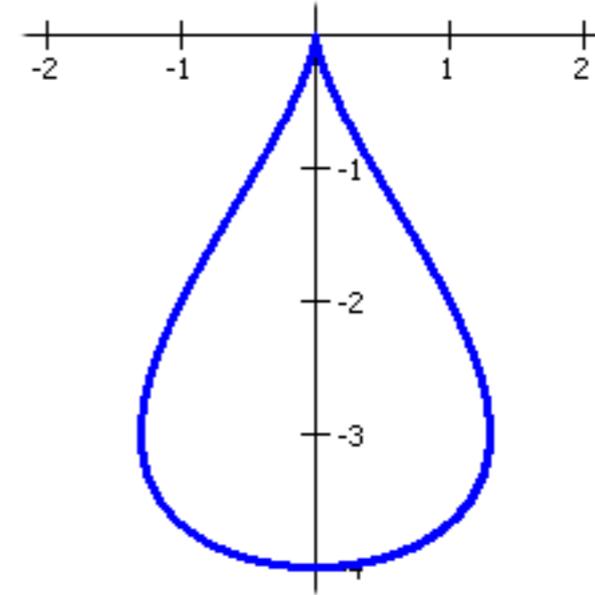


SPIRALI

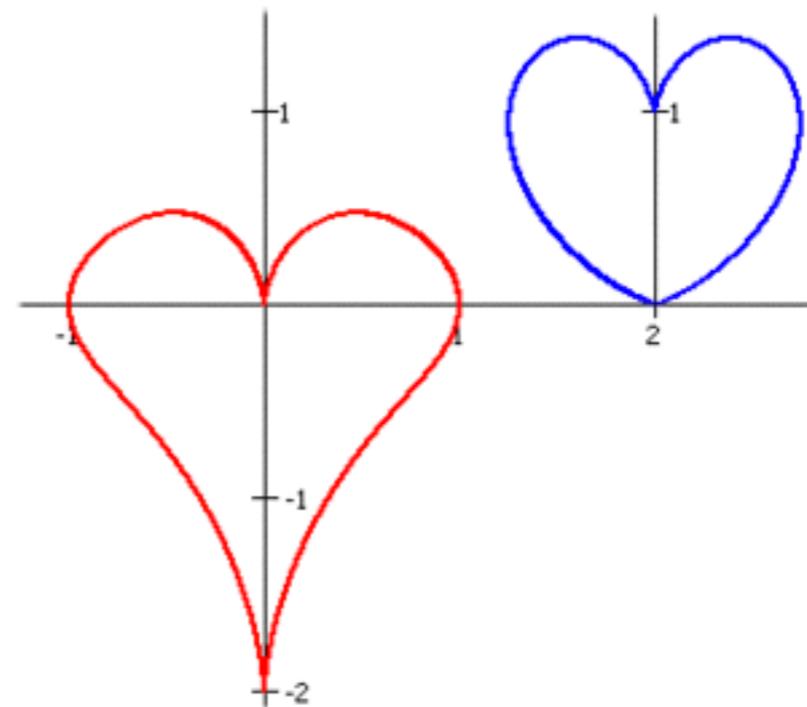


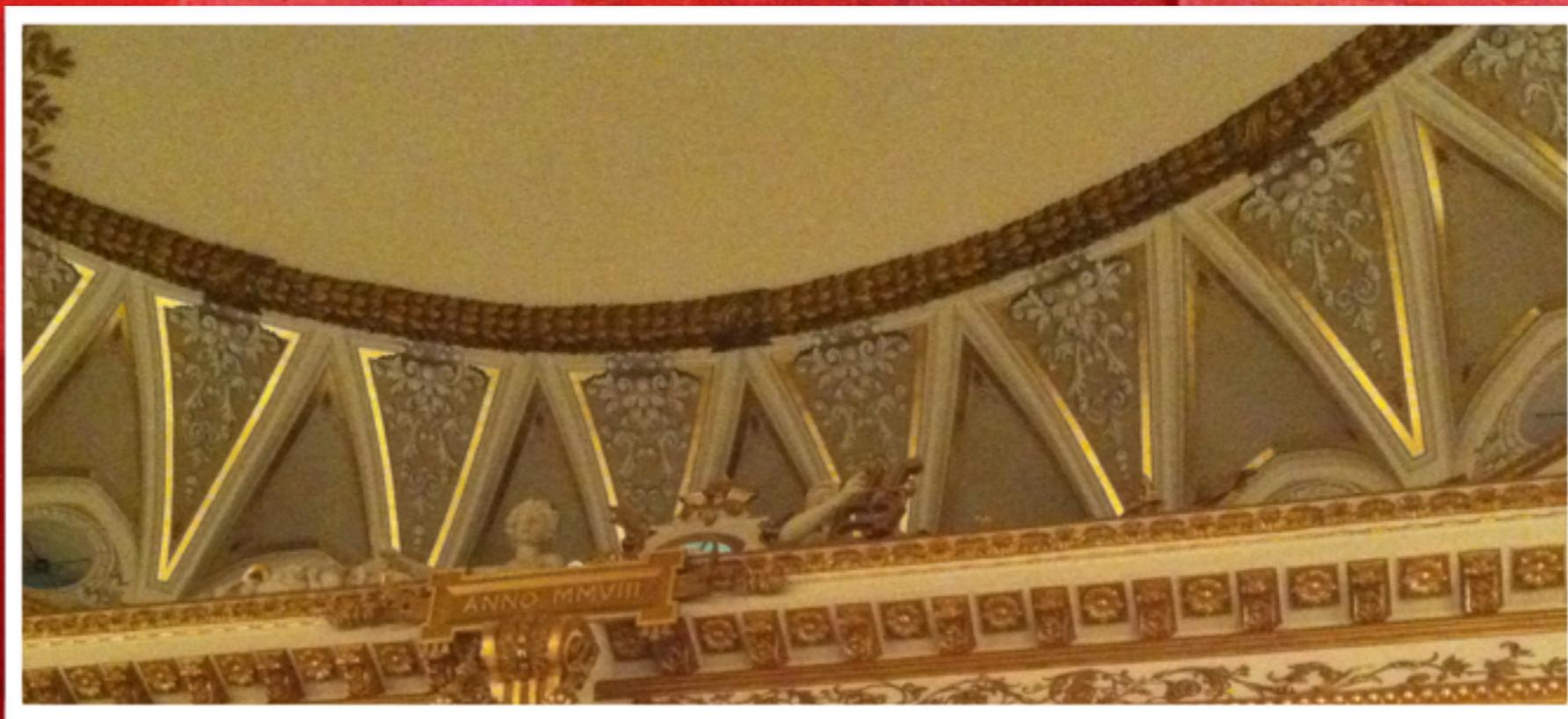


LA QUARTICA PIRIFORME



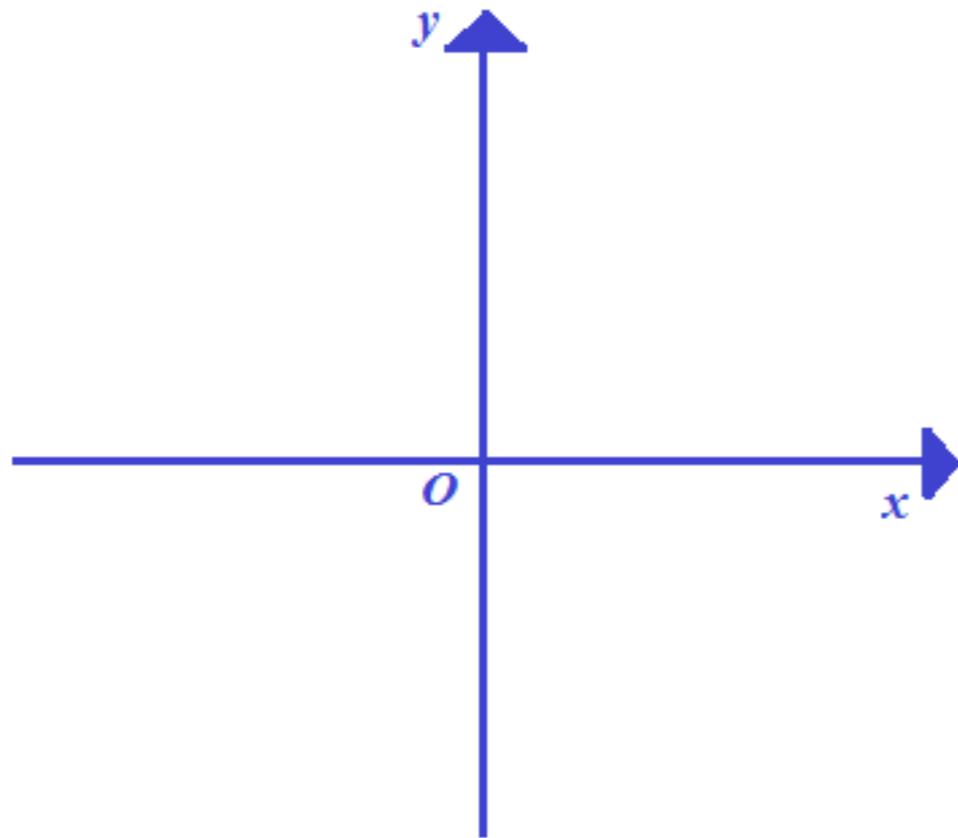
CURVA DI LAPORTE



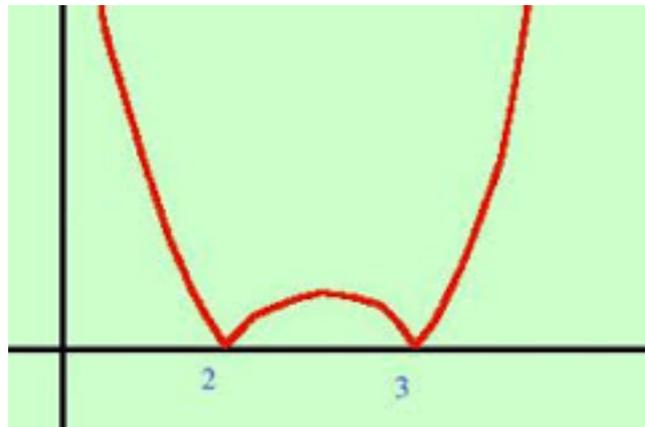
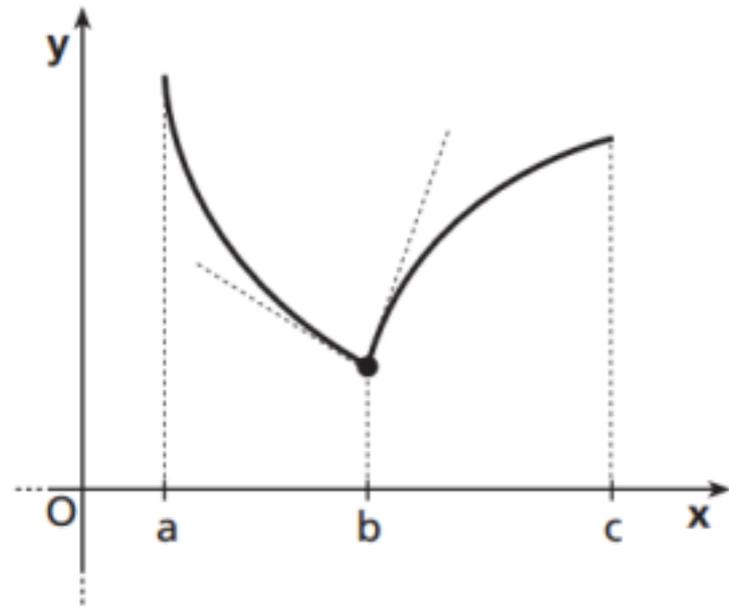


LOGARITMI E FUNZIONI

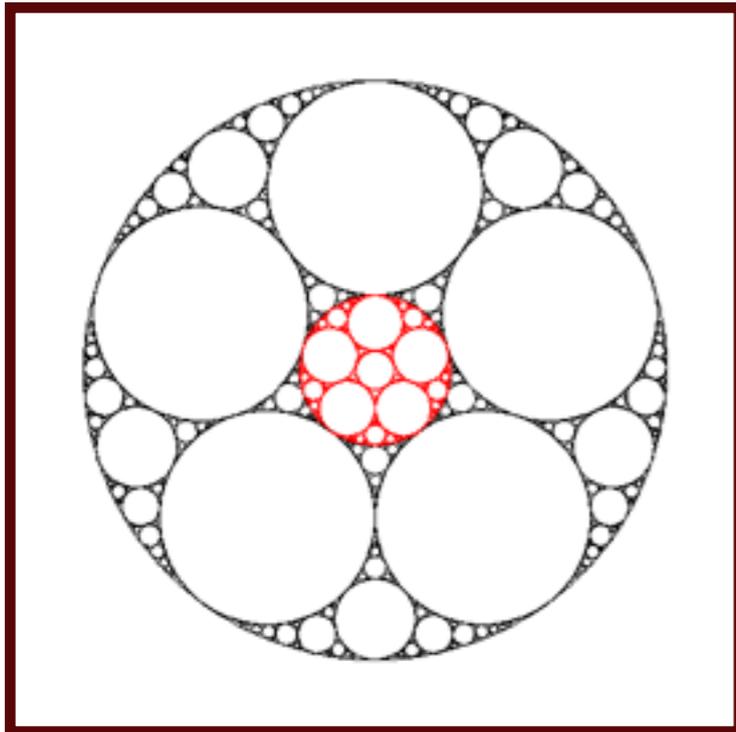
ASSI CARTESIANI



SPIGOLI E PUNTE



FRATTALI



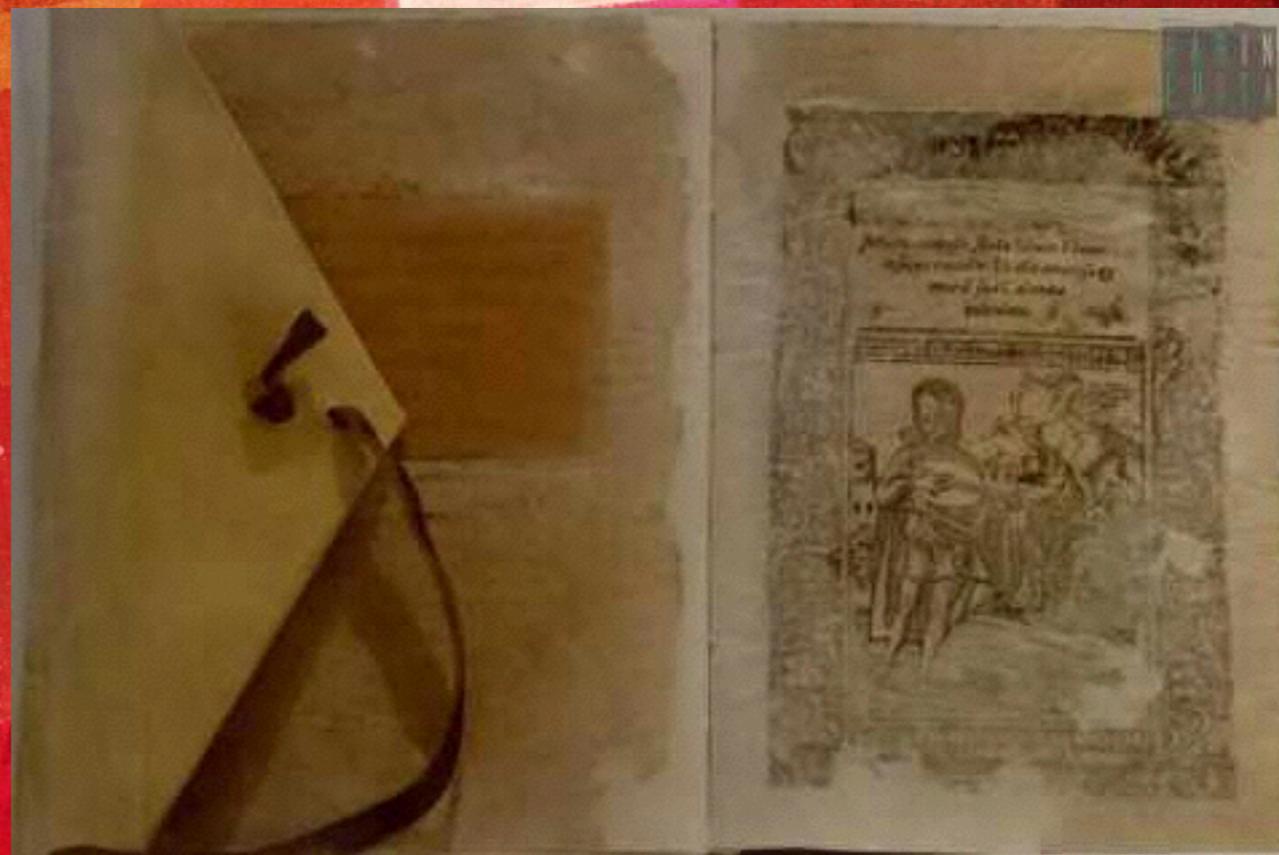
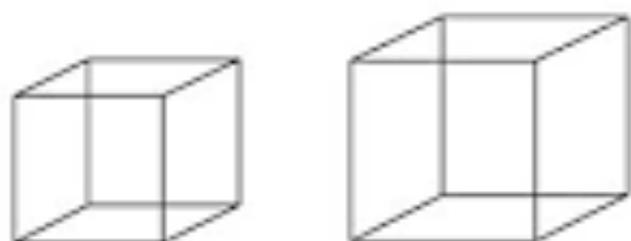
$$D = \frac{\log N}{\log L}$$



**E SE PROVASSIMO CON I CONCETTI
DI RICERCA?**

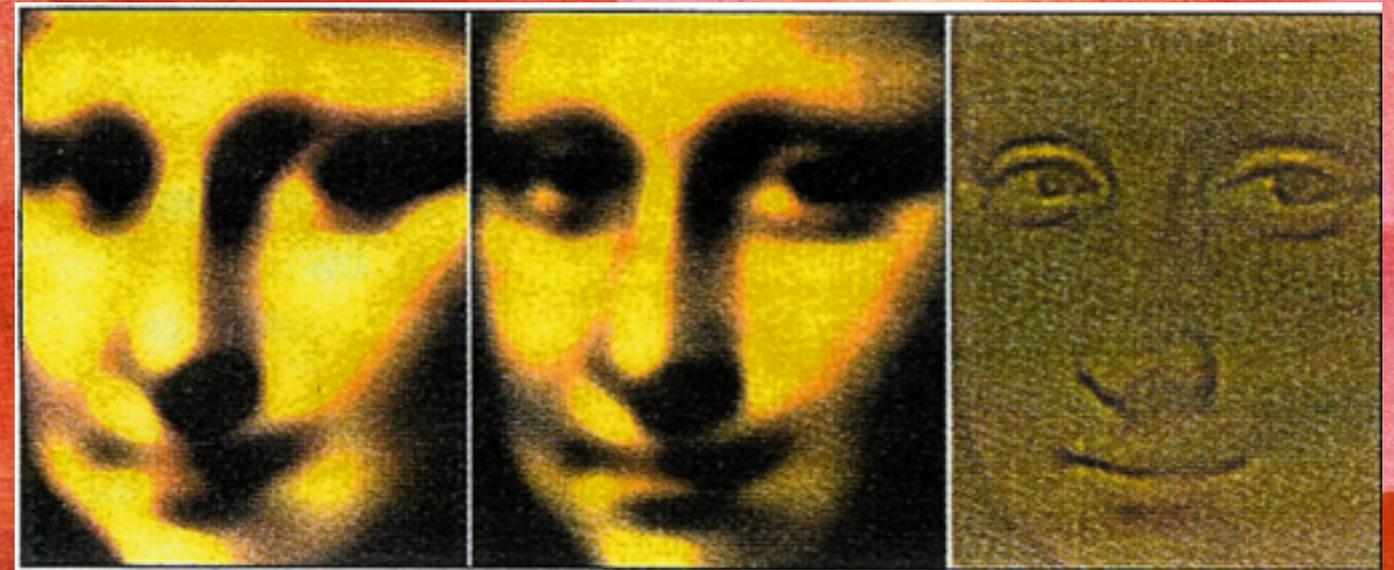
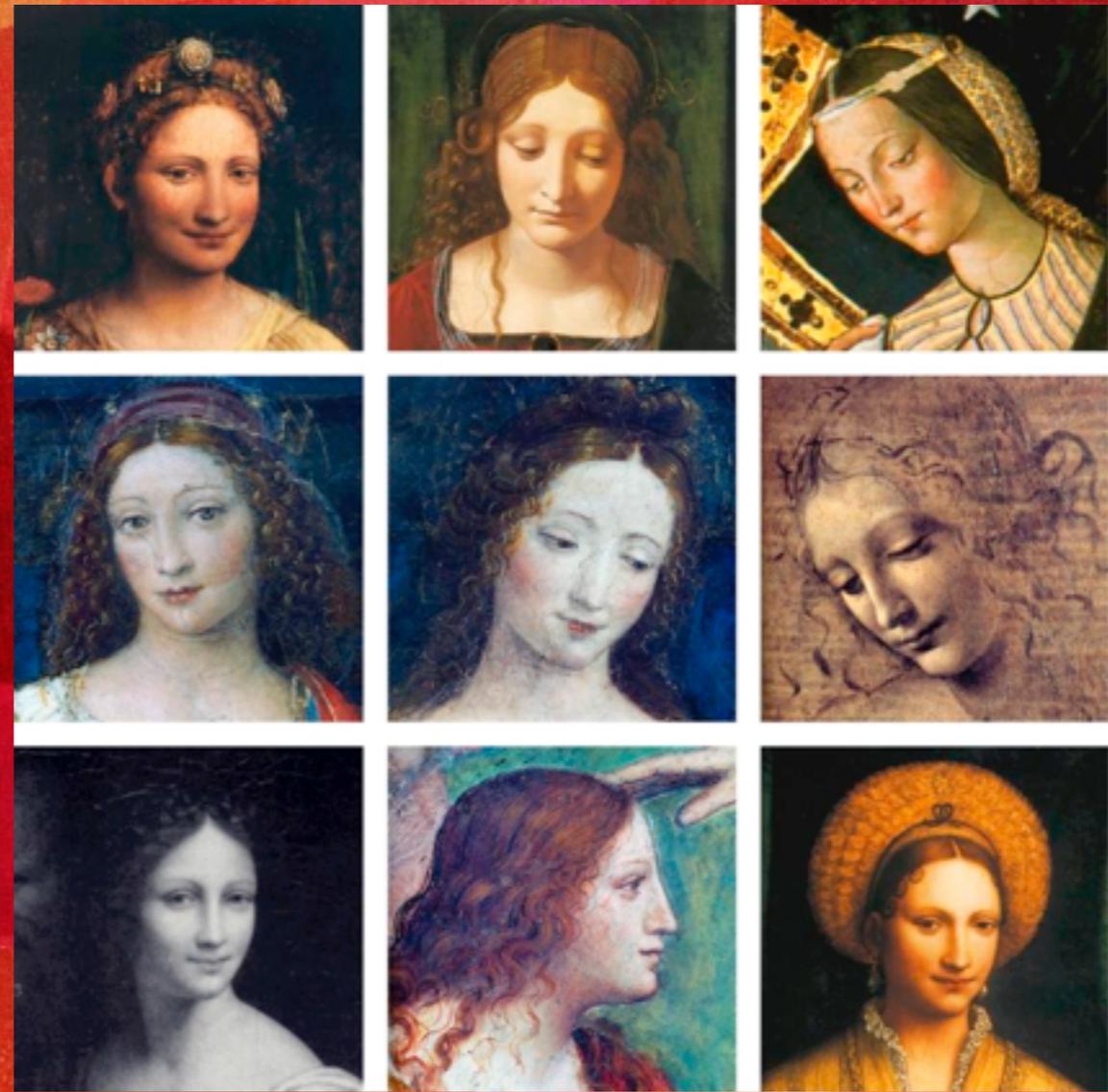
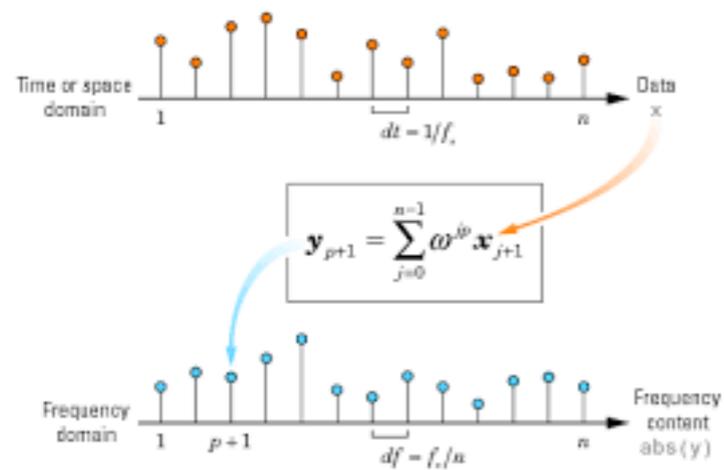
STORIA E STORIA MATH

UN CLASSICO

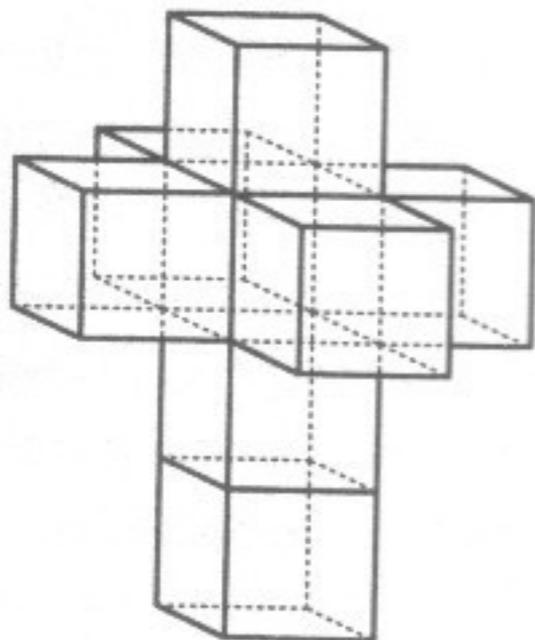
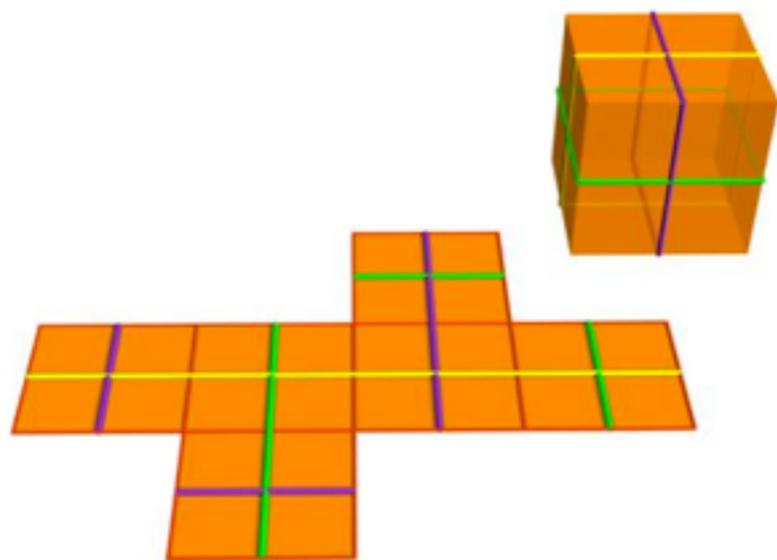


STORIA E STORIA MATH

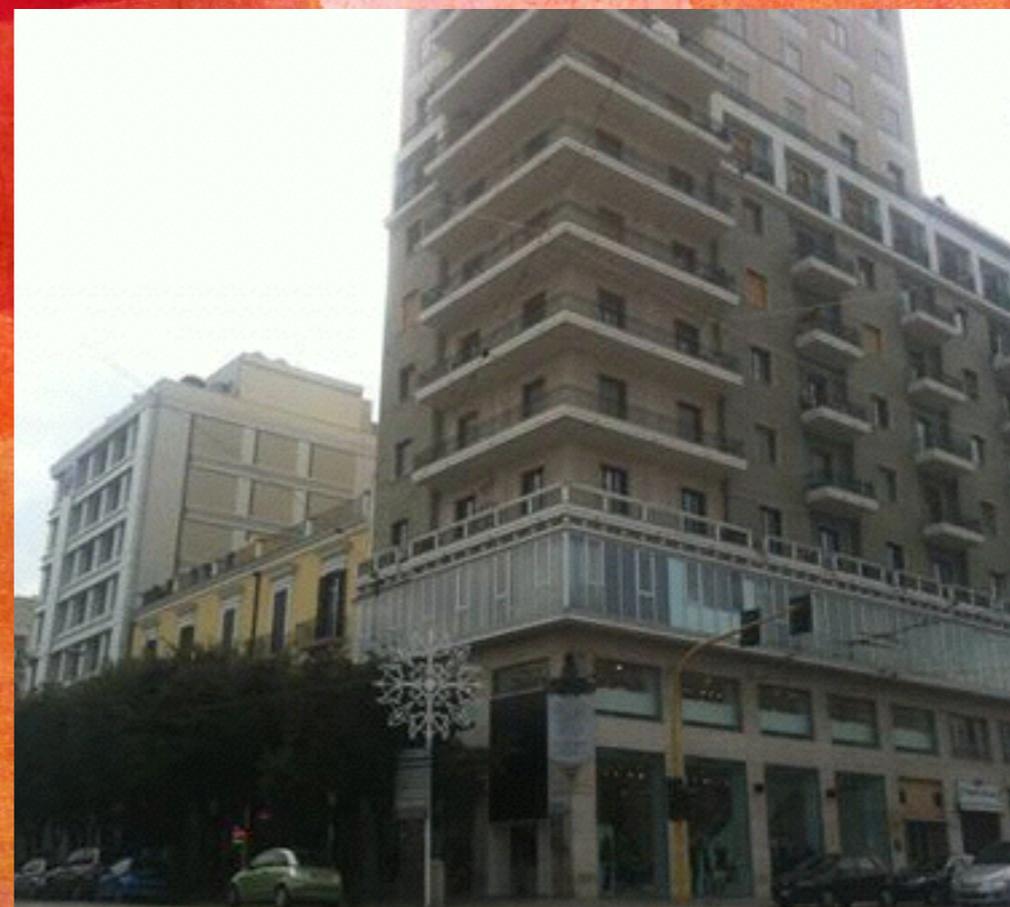
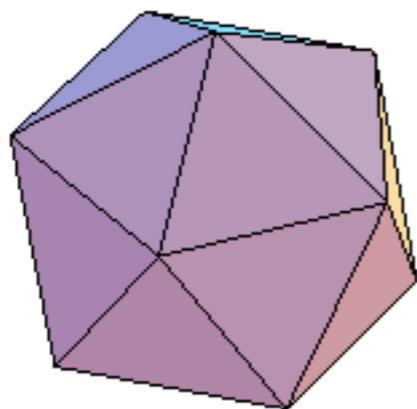
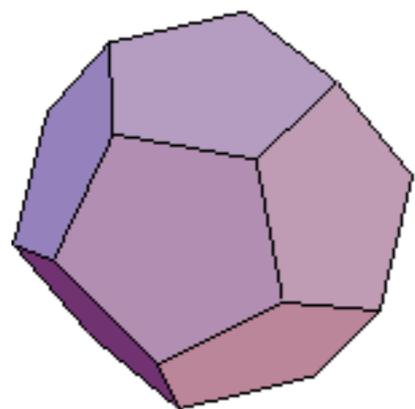
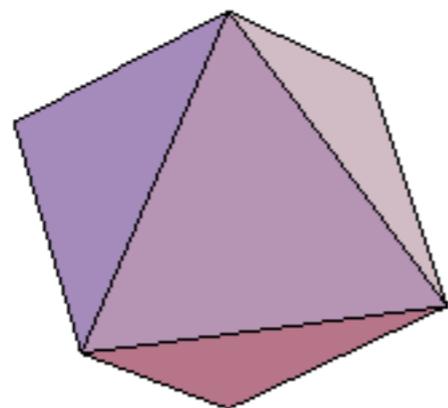
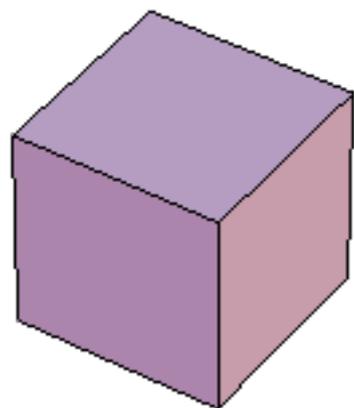
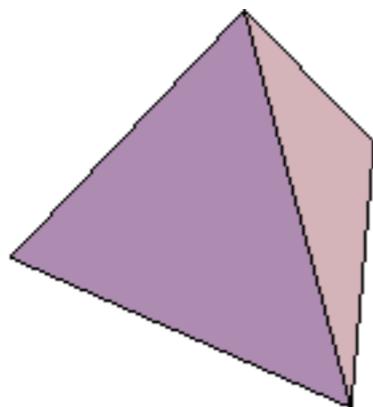
UN MODERNISSIMO



LA DIMENSIONE



POLIEDRI

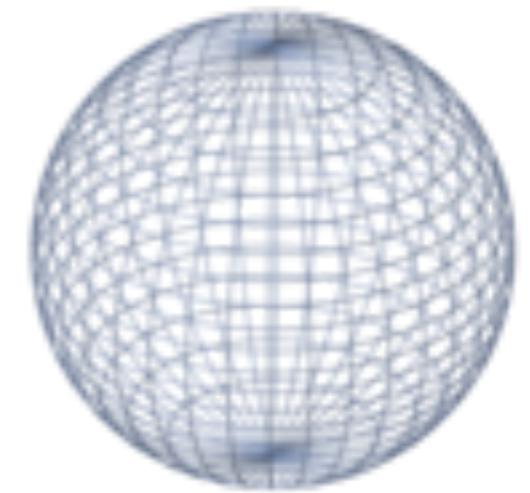


GENERE TOPOLOGICO

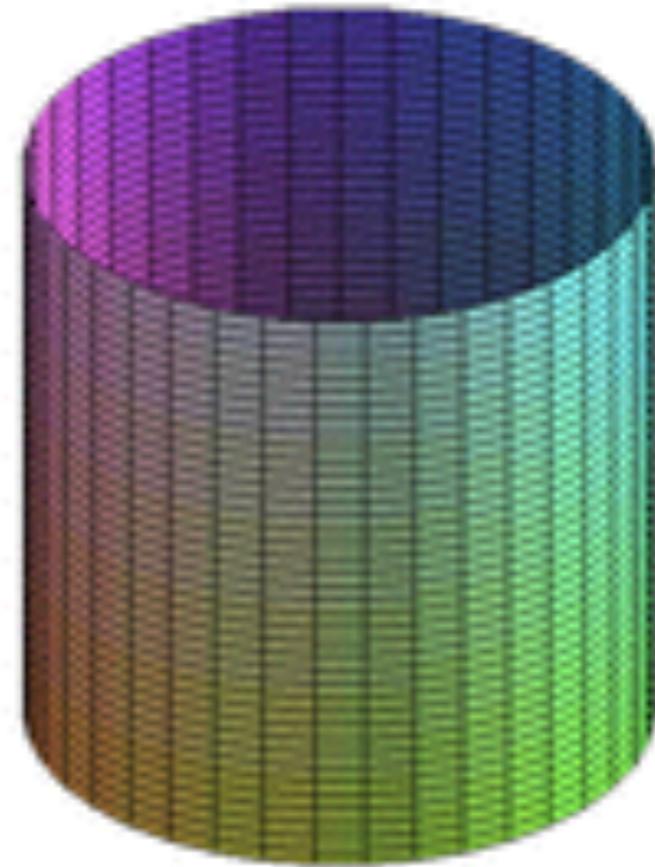


CHI HA GENERE ZERO?

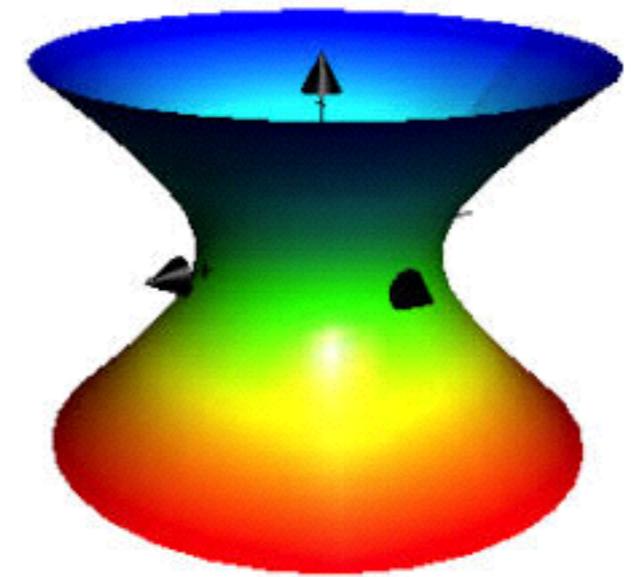
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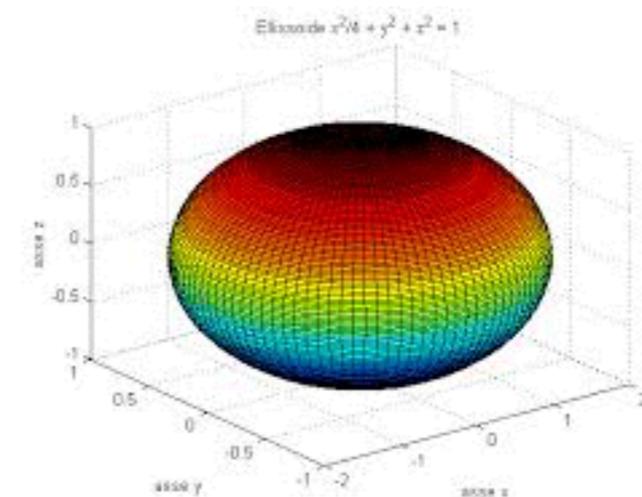
LE SUPERFICI RIGATE



LA BIRRA DI RIVOLUZIONE

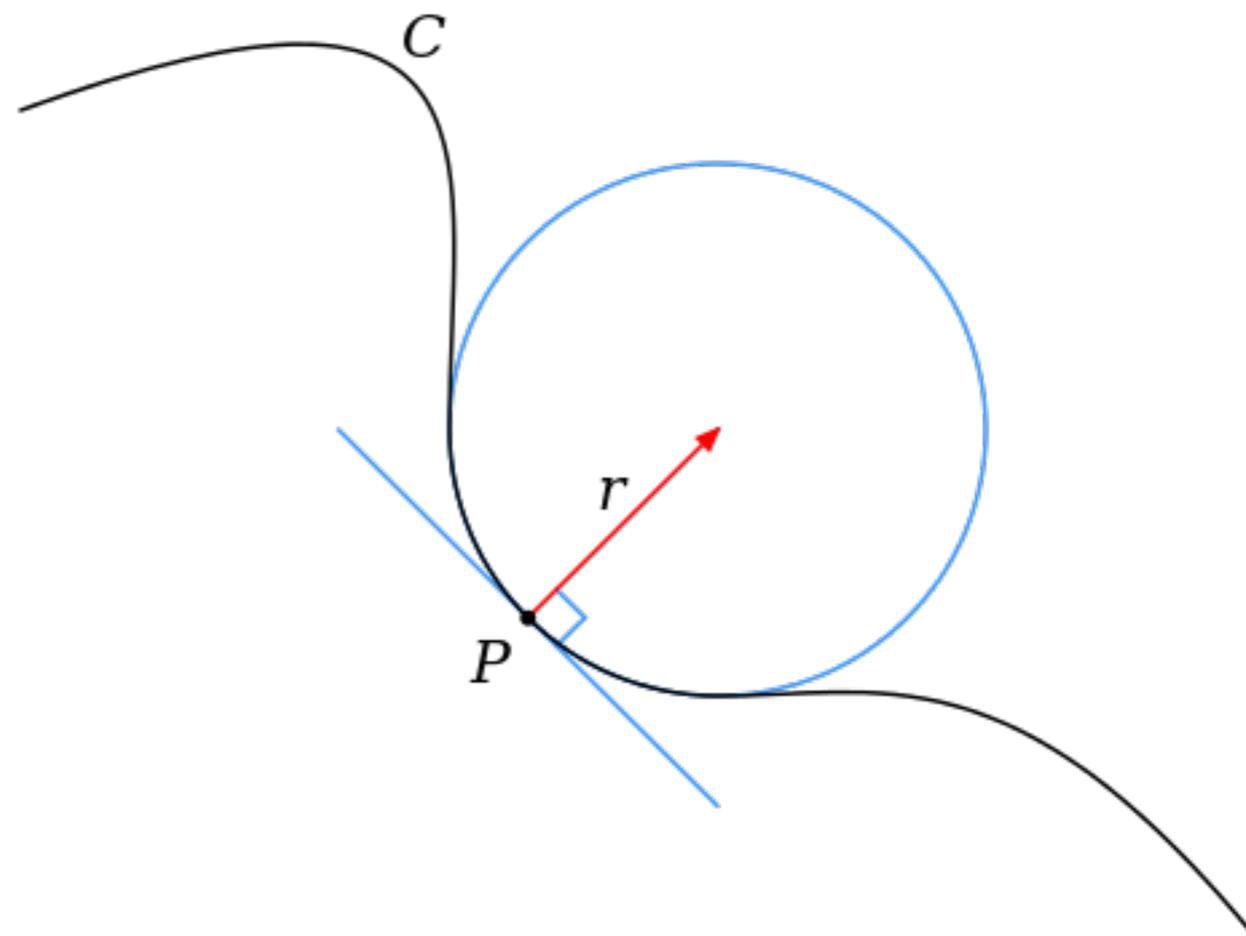


LO STADIO ELLISSOIDALE

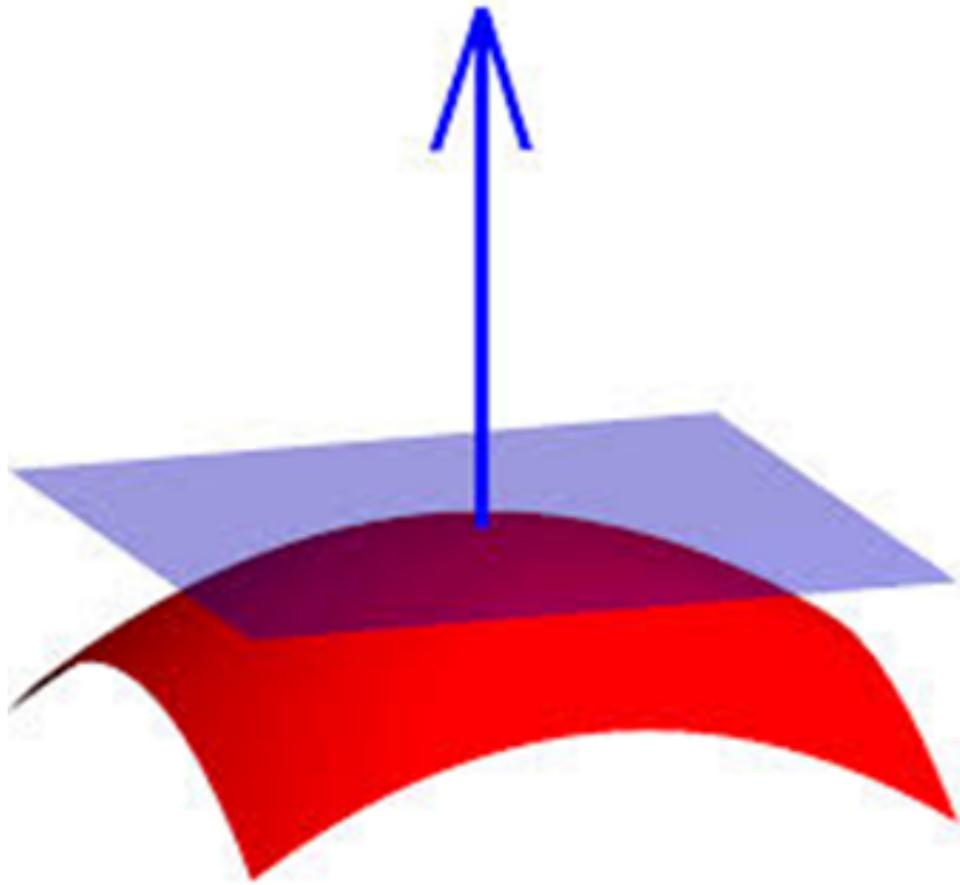




LA CURVATURA



LA PIZZA AL COFANO





Alessandro Cirillo

Esercizi



Al buio lo sguardo è luce

Grazie