

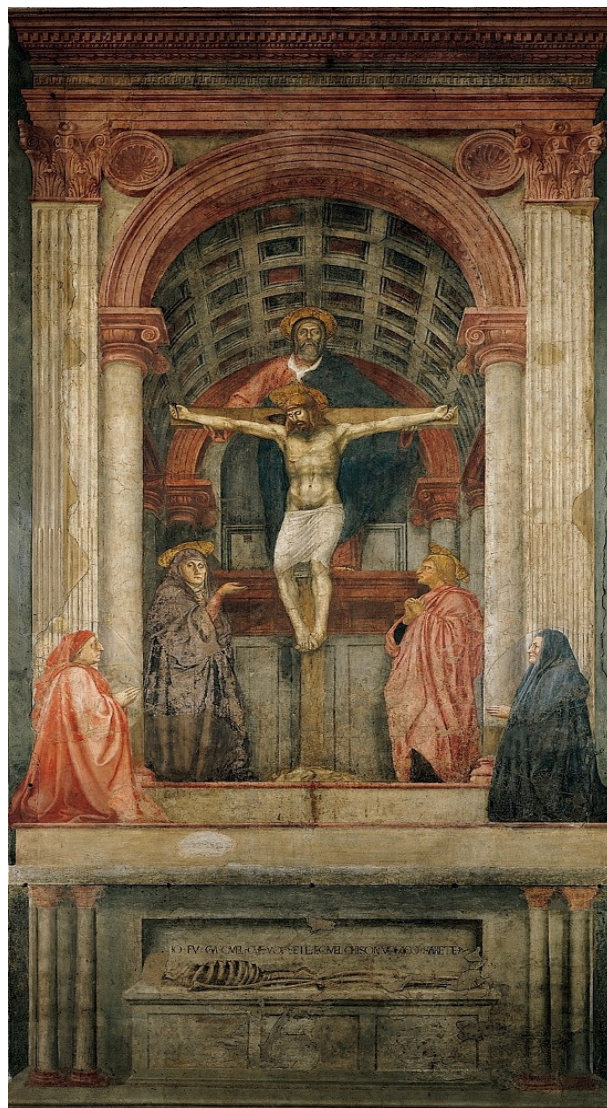
La scala musicale pitagorica e la sua modifica

Accordo	Rapporto pitagorico		Scala temperata
Do	1:1	1	1
Re (2 semitoni)	9:8	1,125	1,1225
Mi (4 semitoni)	81:64	1,2656	1,2599
Fa (5 semitoni)	4:3	1,3333	1,3348
Sol (7 semitoni)	3:2	1,5	1,4983
La (9 semitoni)	27:16	1,6875	1,6818
Si (11 semitoni)	243:128	1,8984	1,8877
Do (12 semitoni)	2:1	2	2

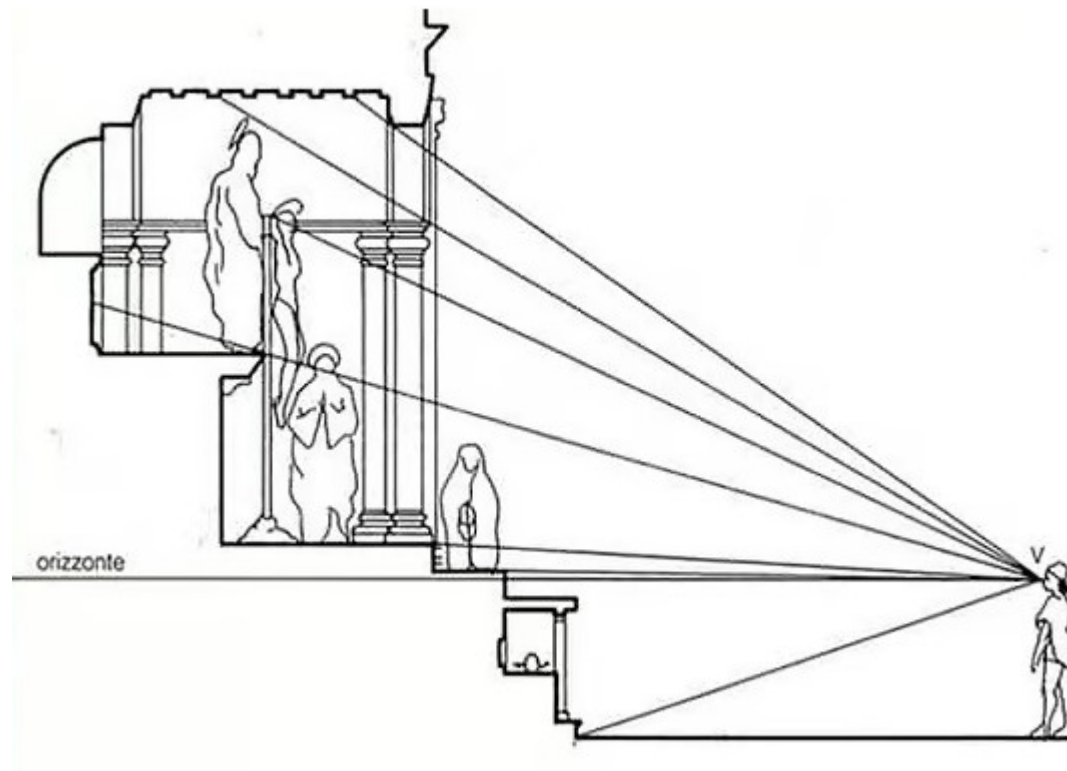
Arte egizia



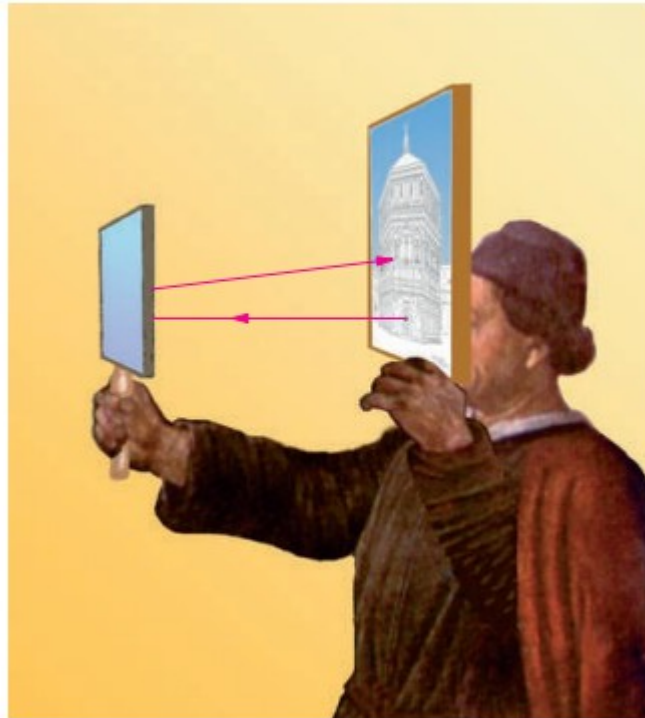
Prospettiva – La Trinità di Masaccio



Prospettiva nella Trinità



La prospettiva di Brunelleschi



Tratto da Zanichelli

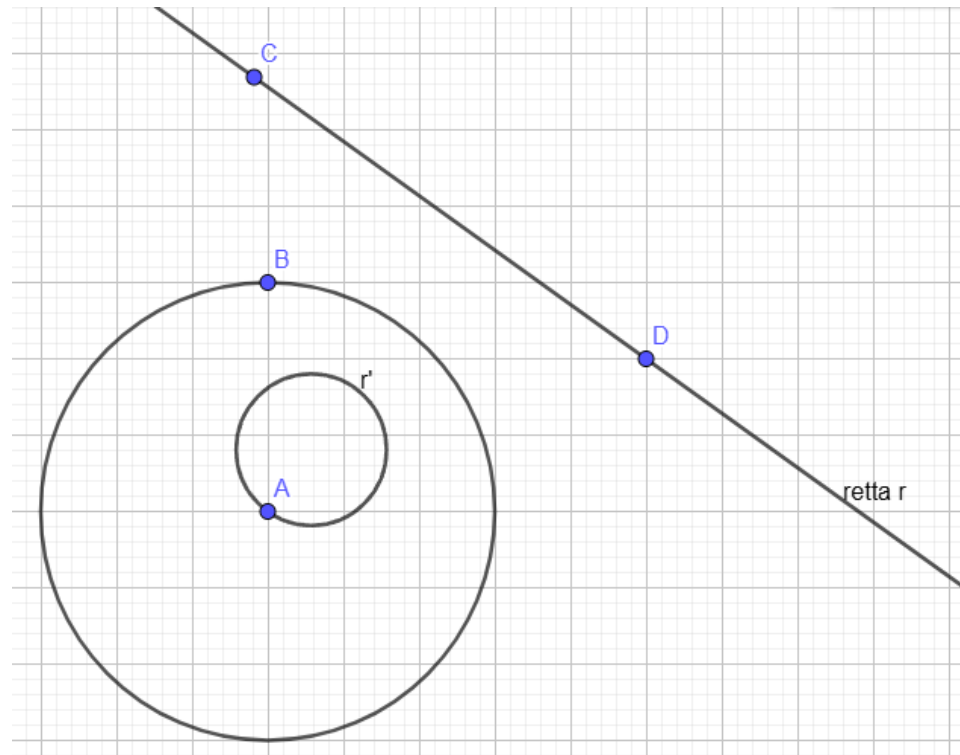
San Girolamo nello studio – Antonello da Messina



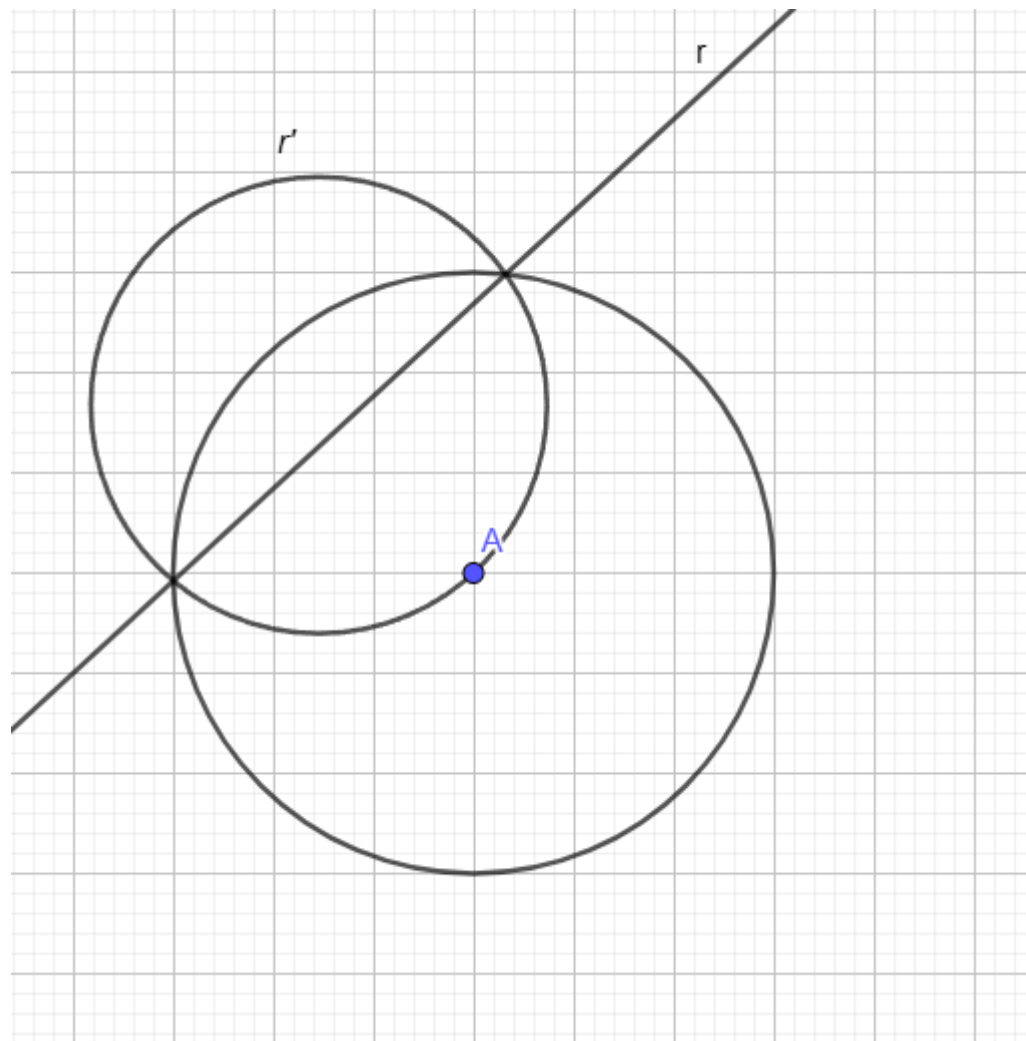
Polittico di Sant'Antonio – Piero della Francesca



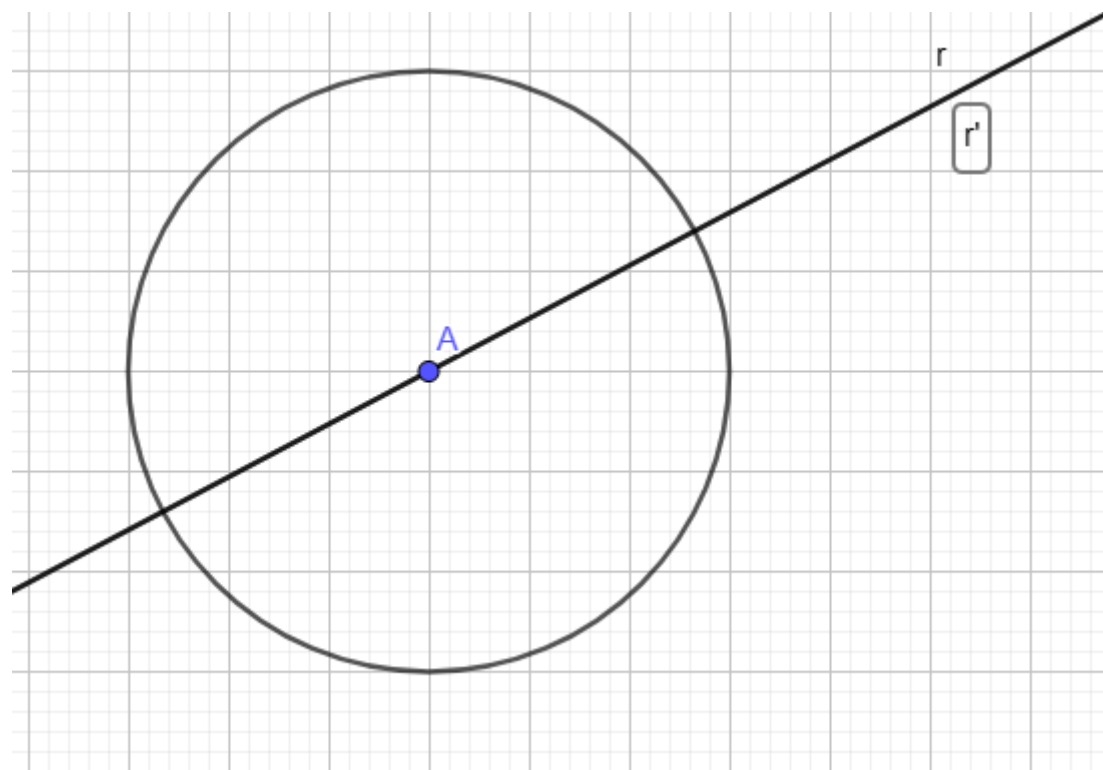
Inversione di retta esterna



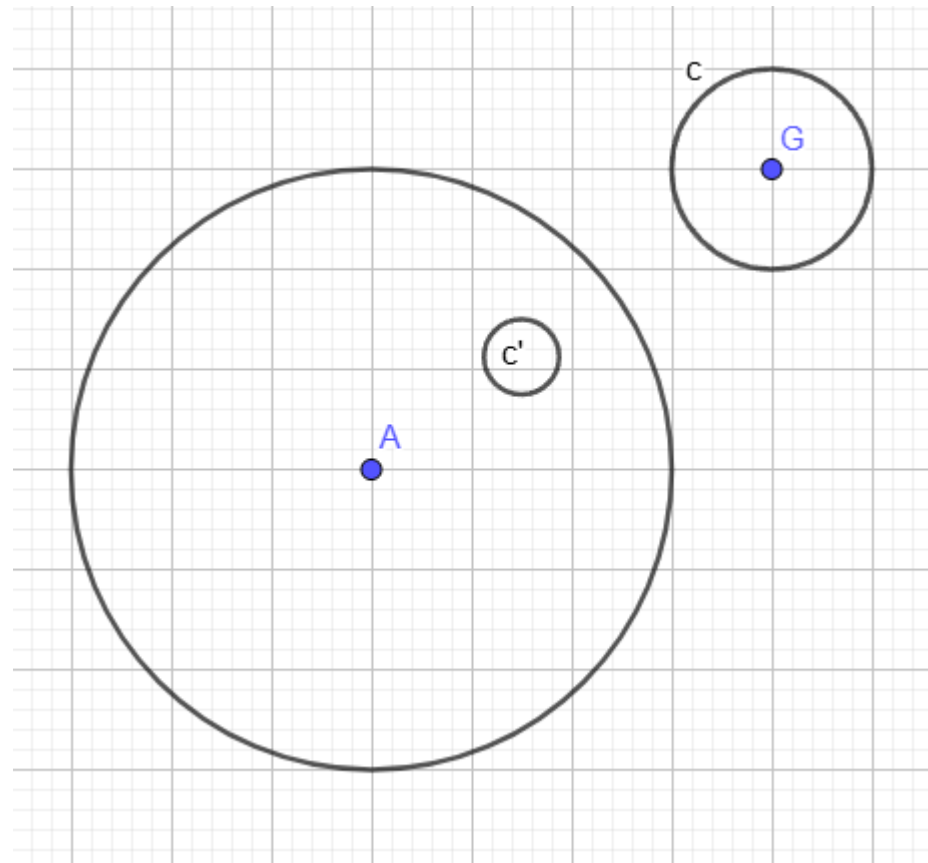
Inversione di retta secante



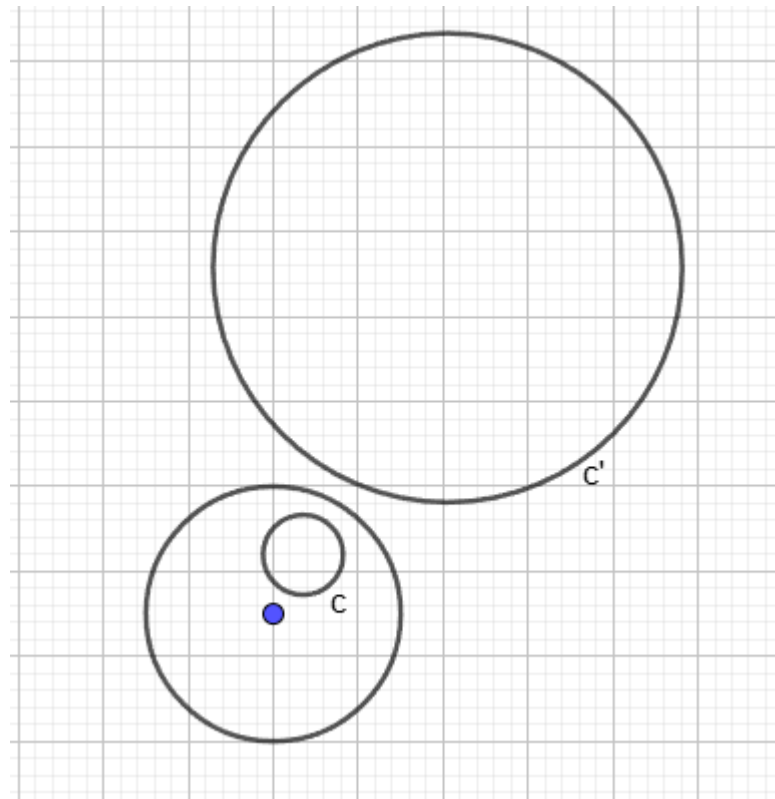
Inversione retta per il centro



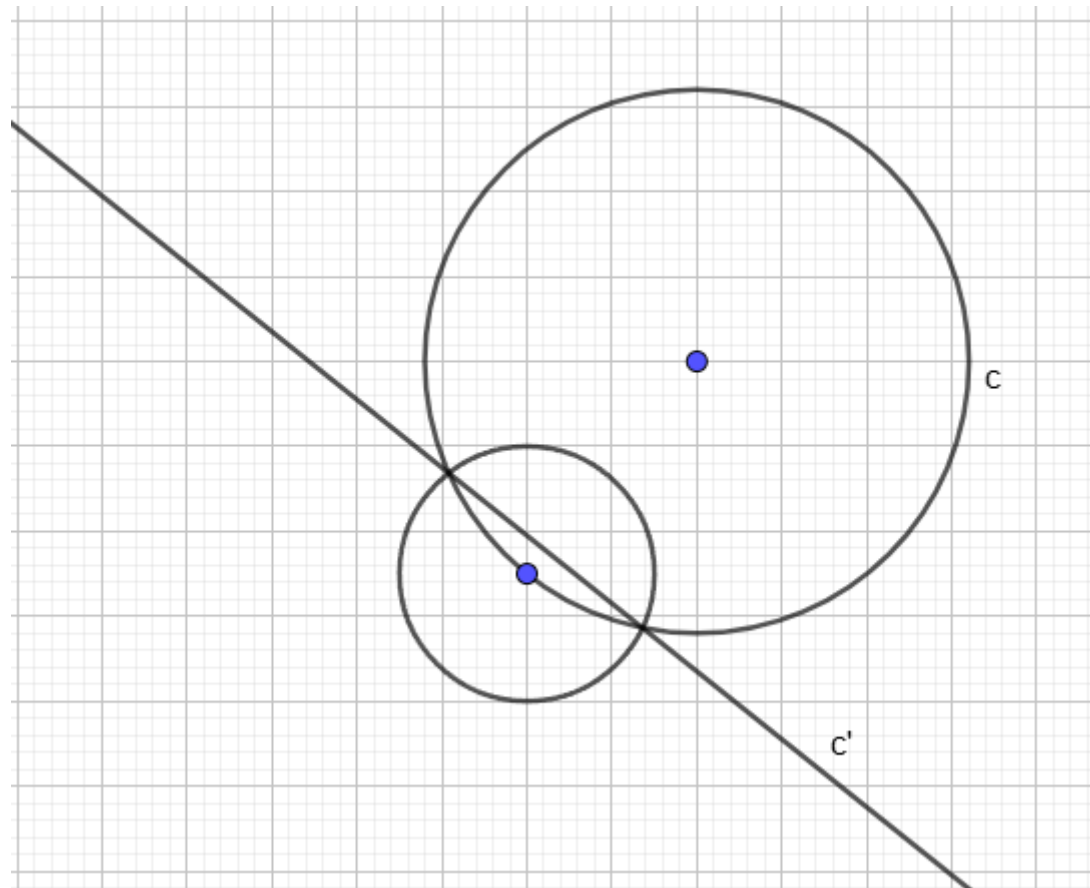
Inversione circonferenza esterna



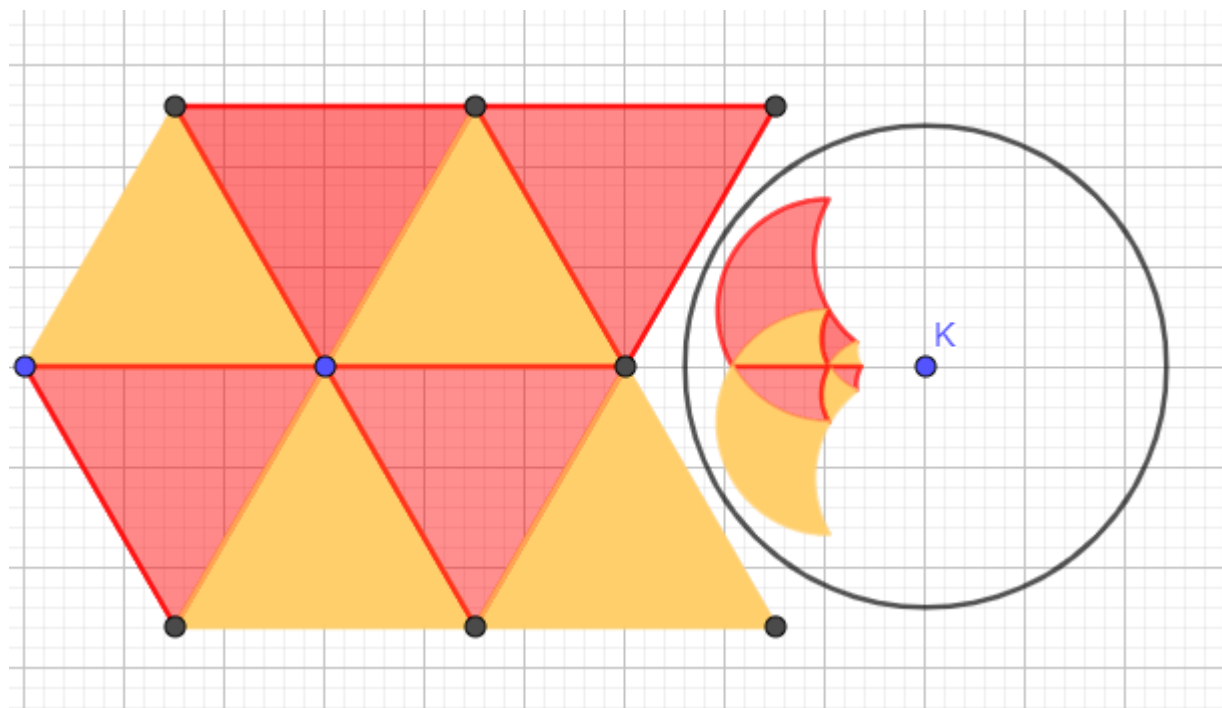
Inversione circonferenza interna



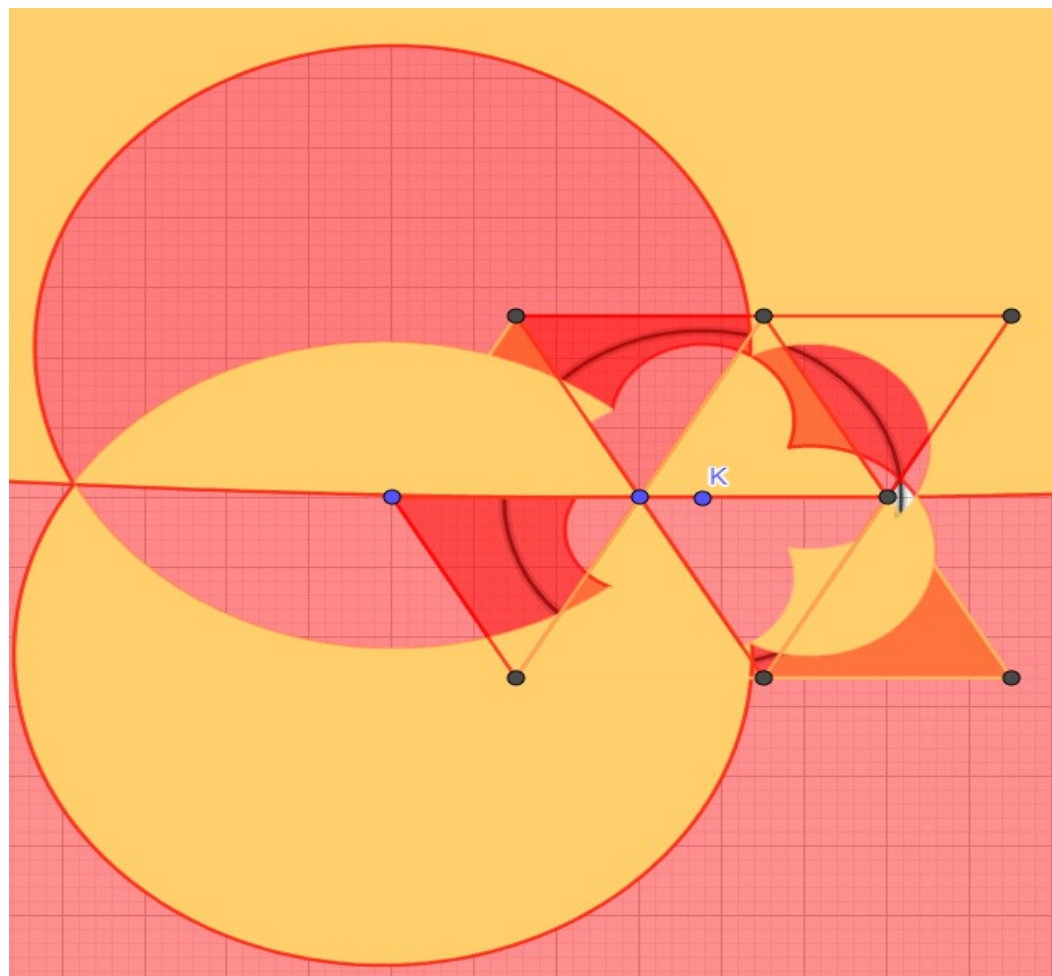
Inversione circonferenza secante passante per il centro



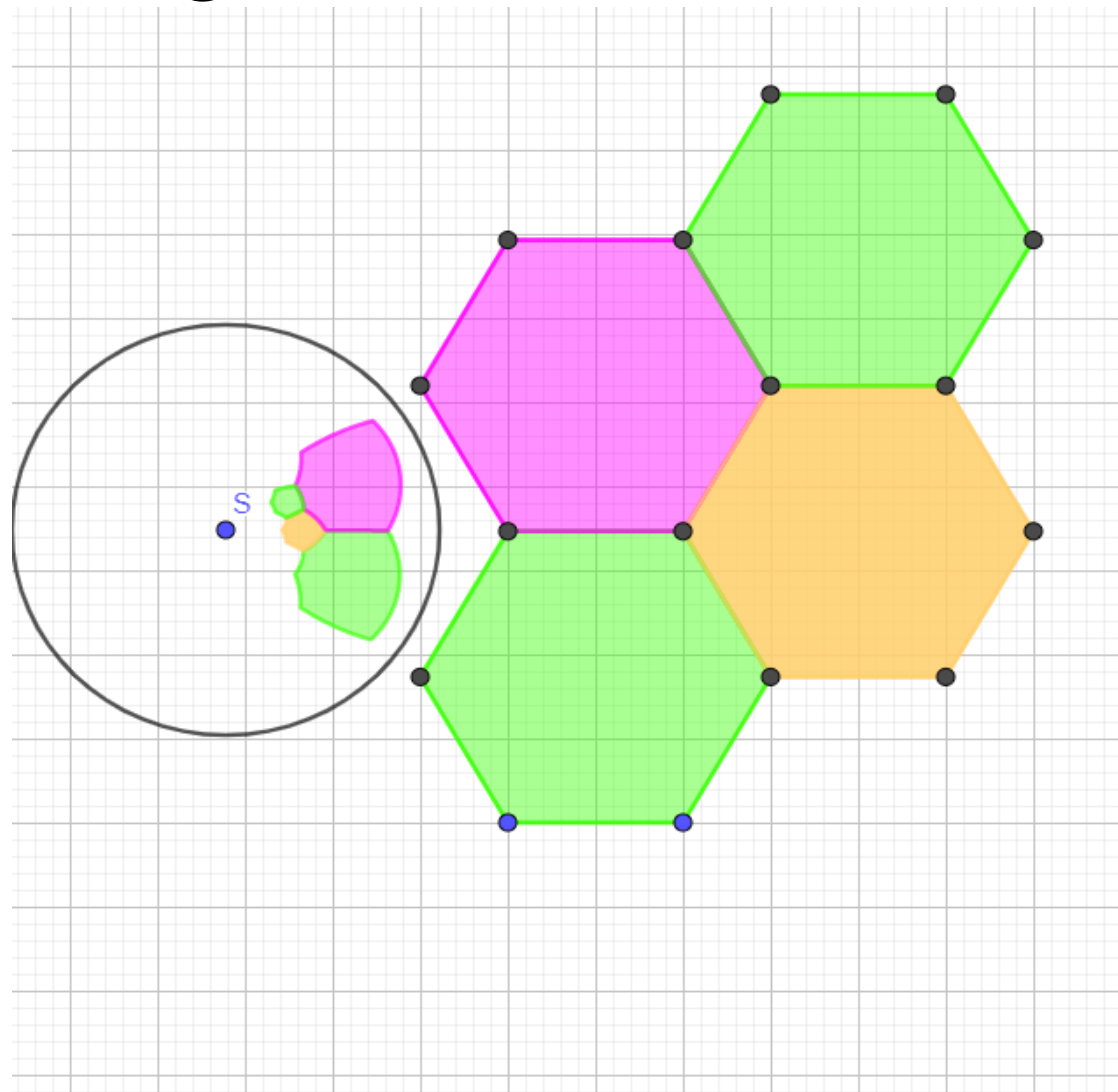
Inversione circolare tassellatura triangoli – Cerchio fuori



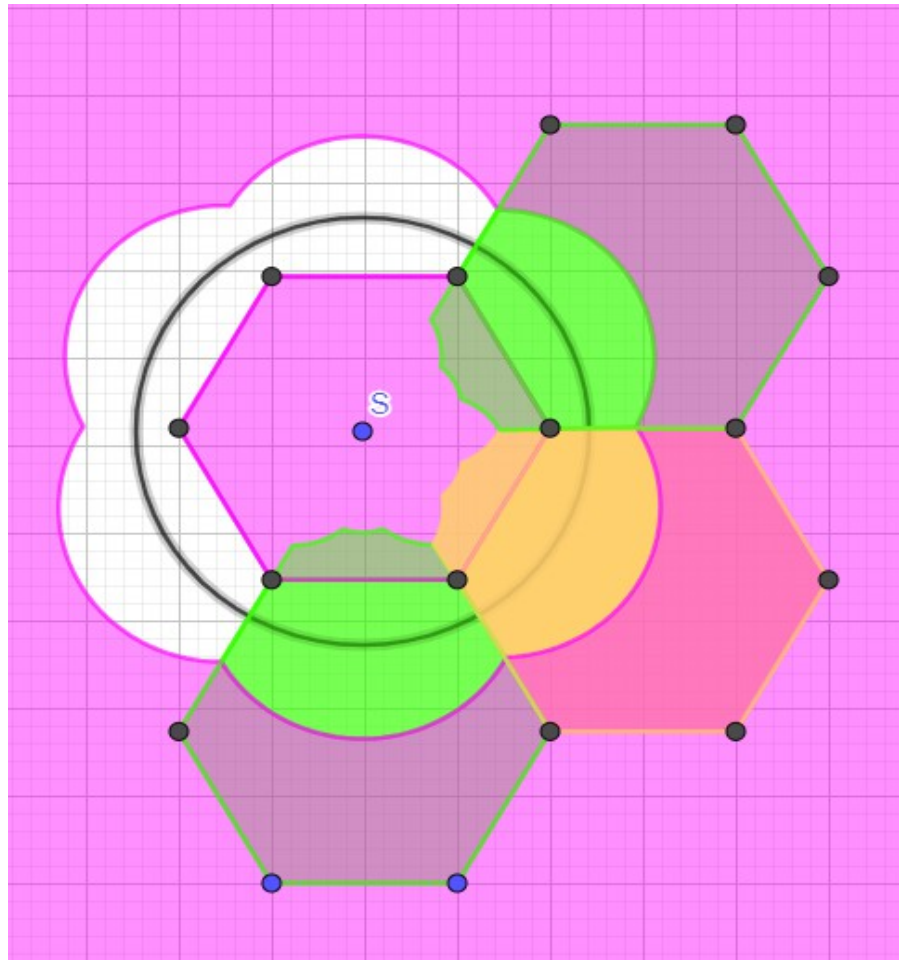
Inversione circolare tassellatura triangoli – Cerchio dentro



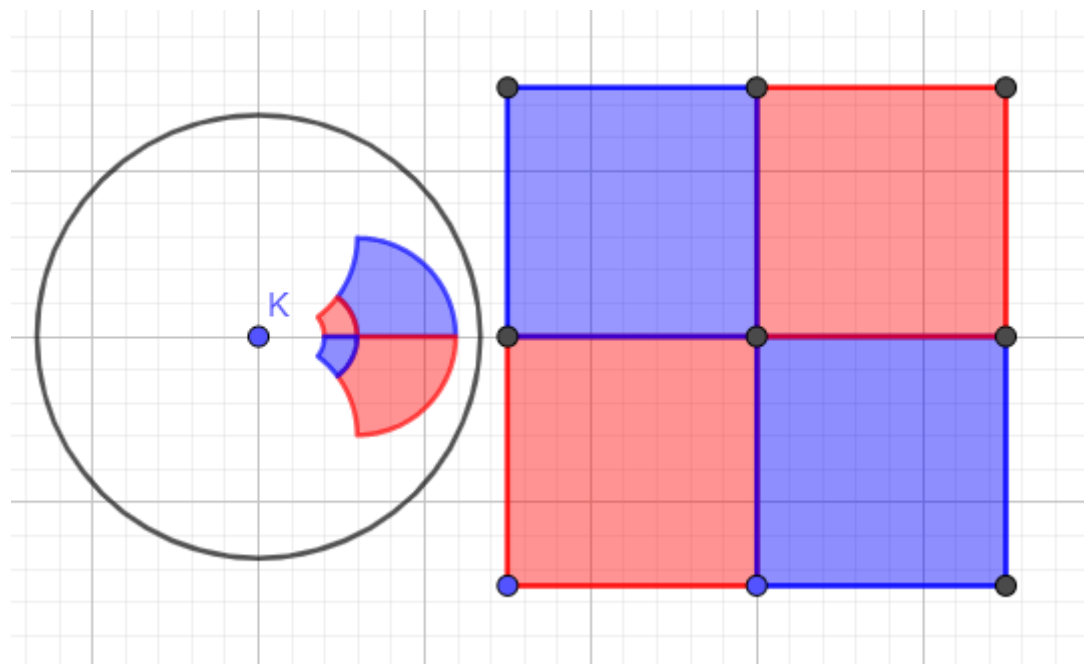
Inversione circolare tassellatura esagoni – Cerchio fuori



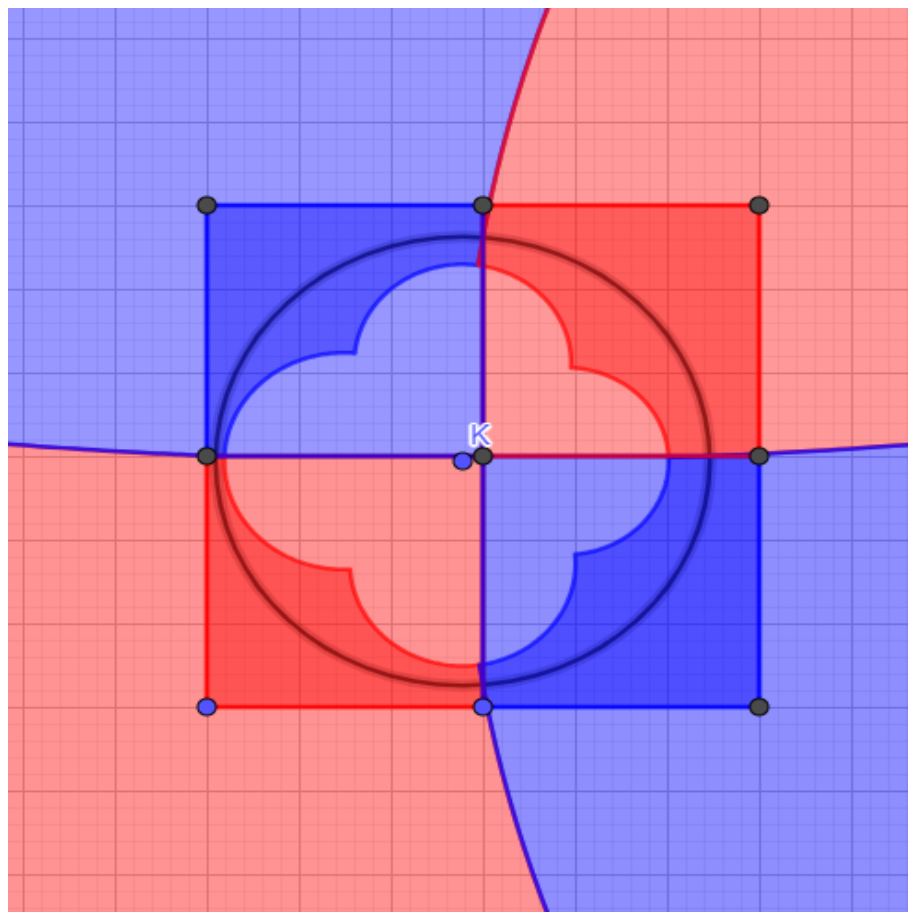
Inversione circolare tassellatura esagoni – Cerchio dentro



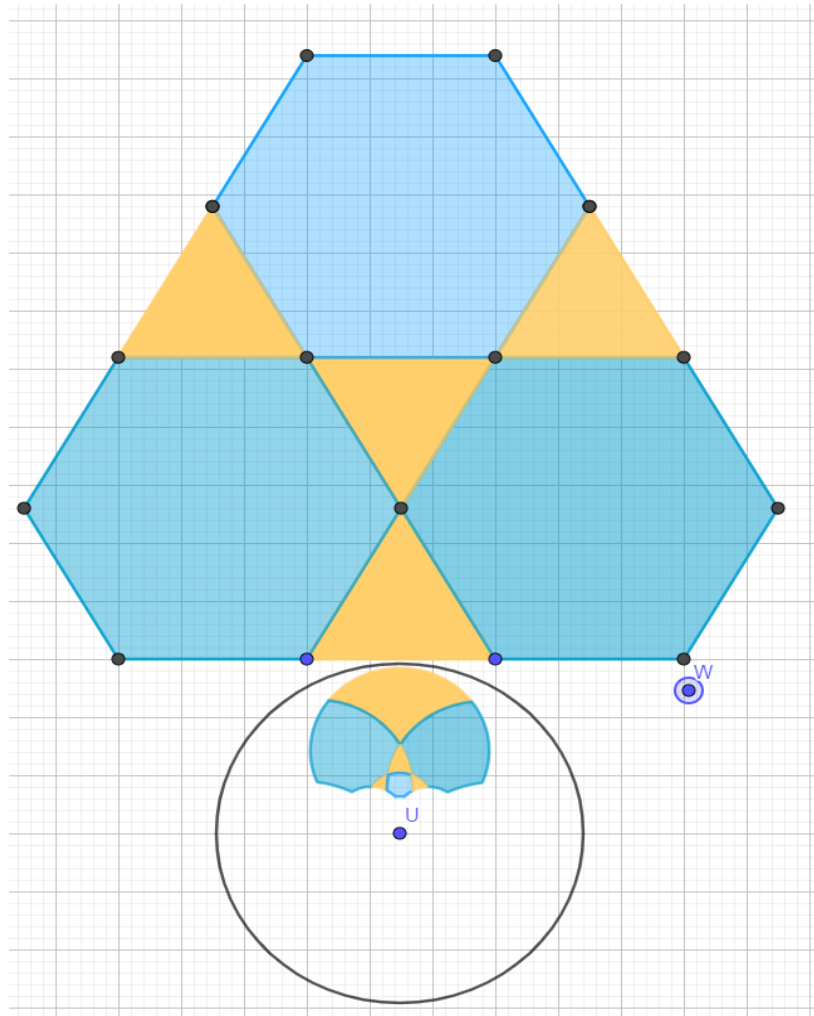
Inversione circolare tassellatura quadrati – Cerchio fuori



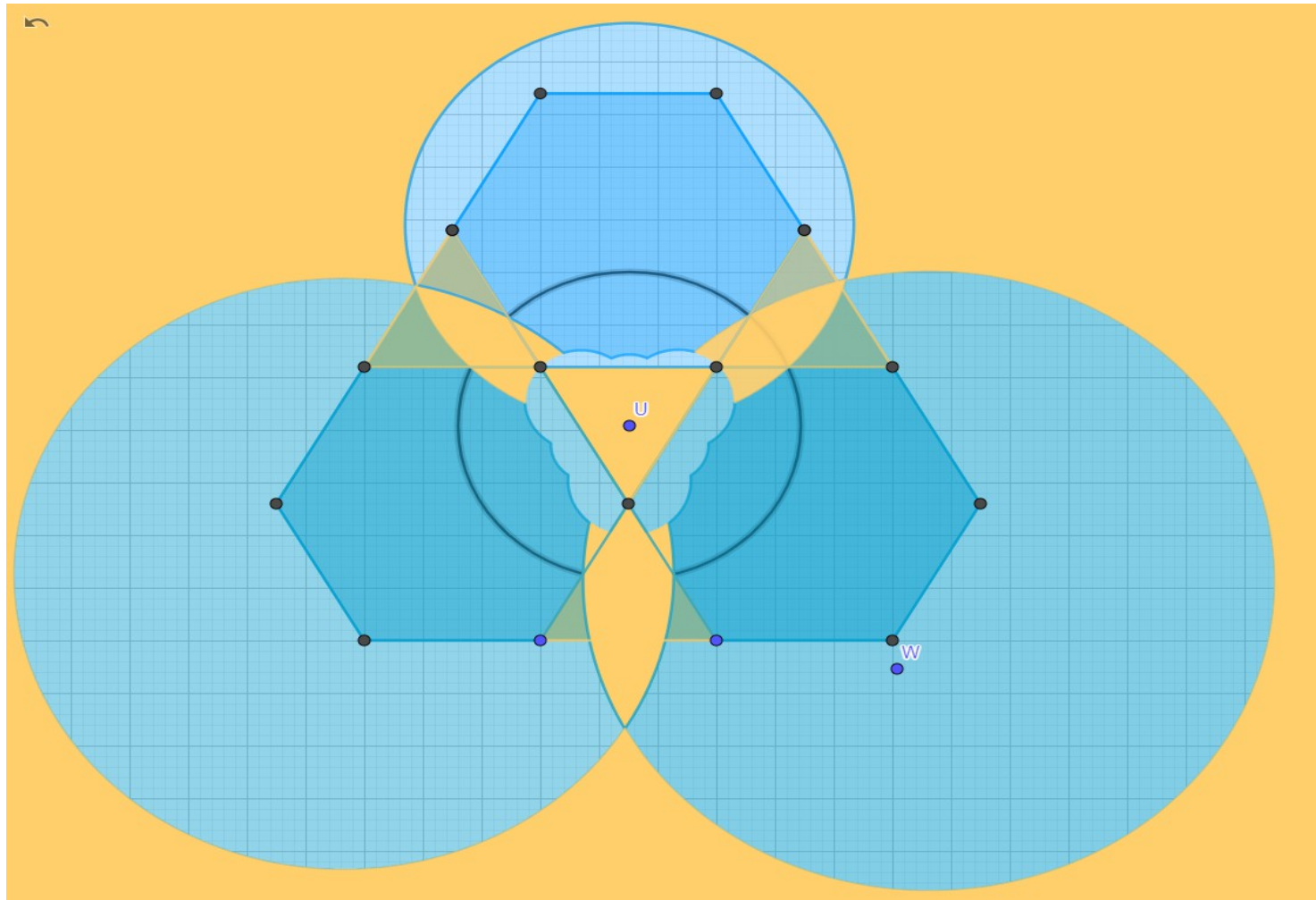
Inversione circolare tassellatura quadrati – Cerchio dentro



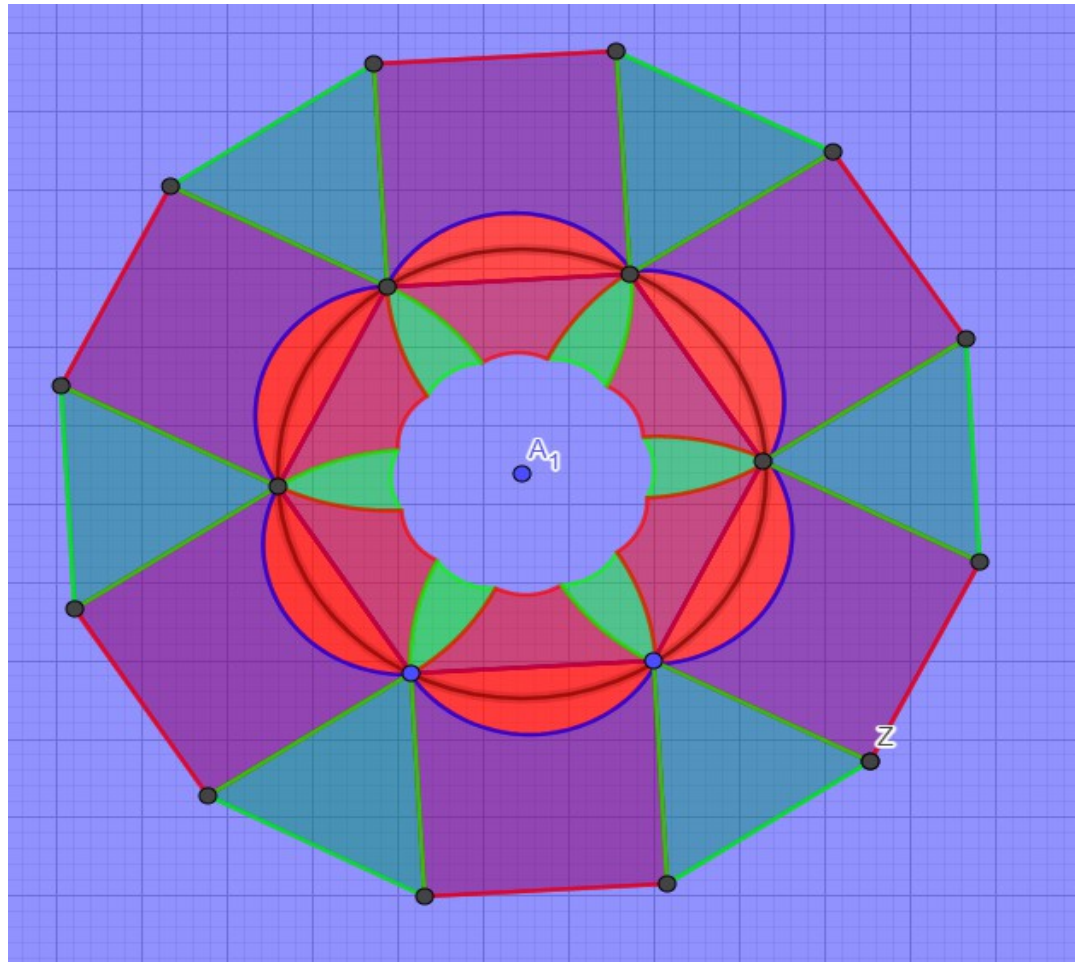
Inversione circolare tassellatura triangoli esagoni – Cerchio fuori



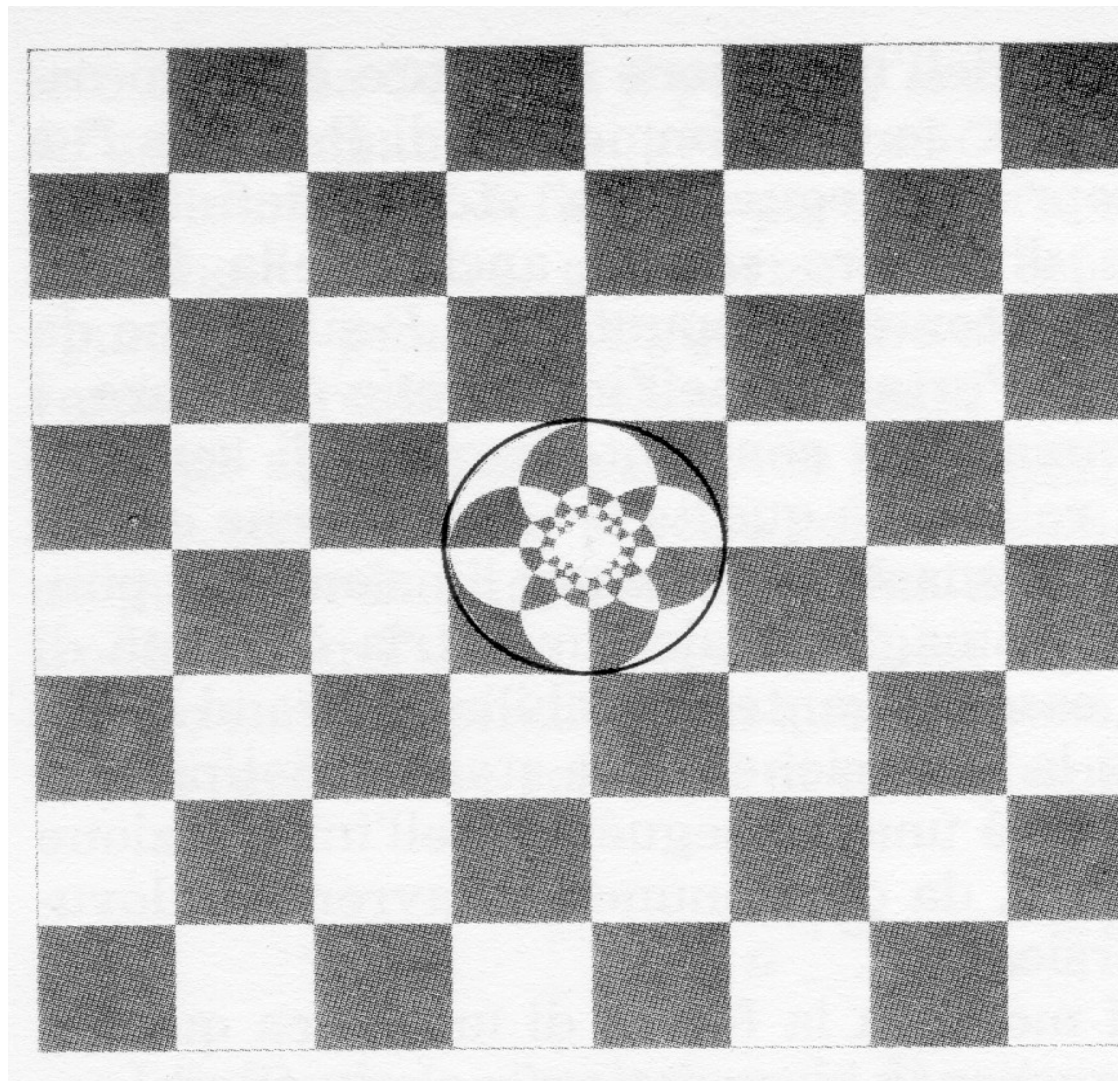
Inversione circolare tassellatura triangoli esagoni – Cerchio dentro



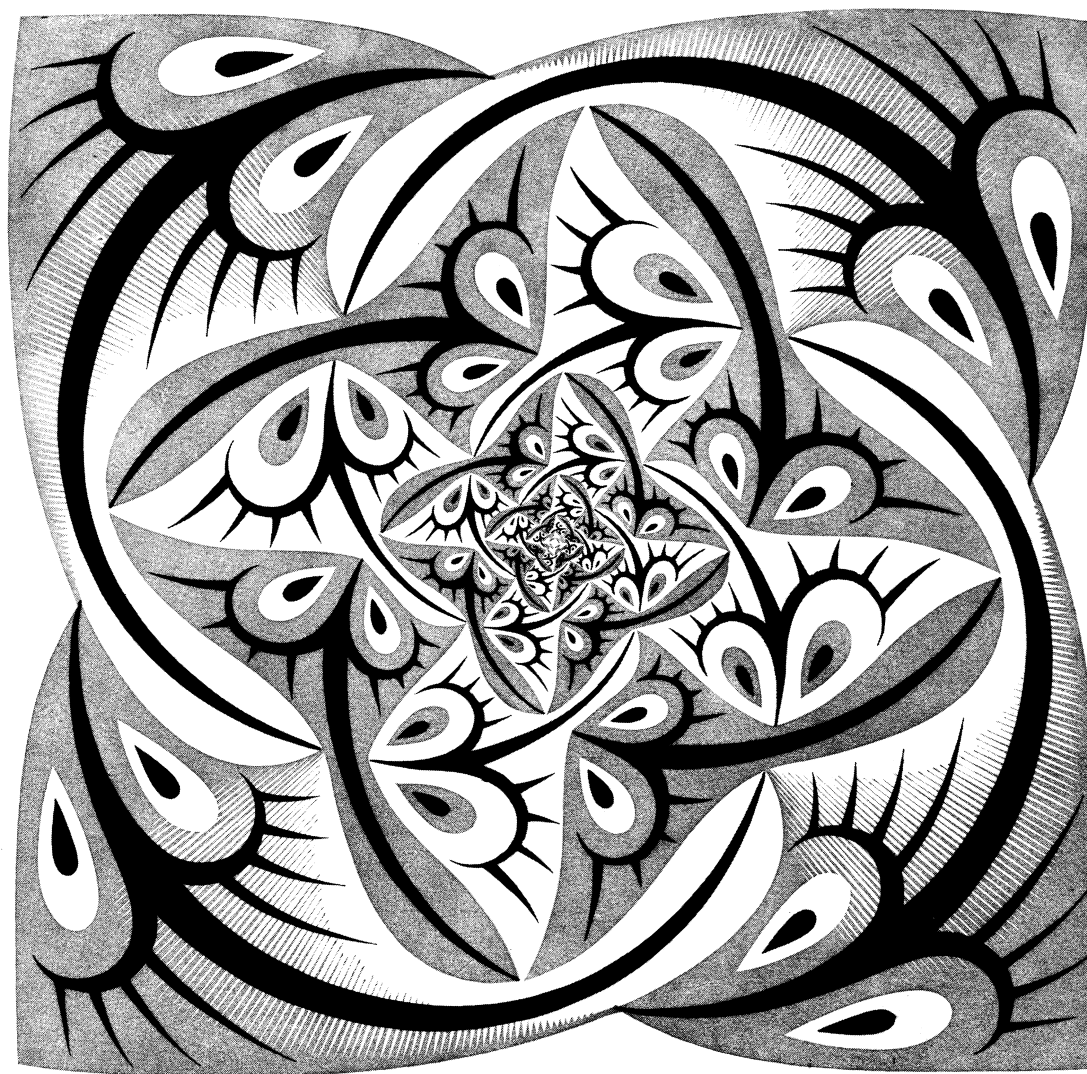
Inversione esagono triangolo quadrato – Cerchio dentro



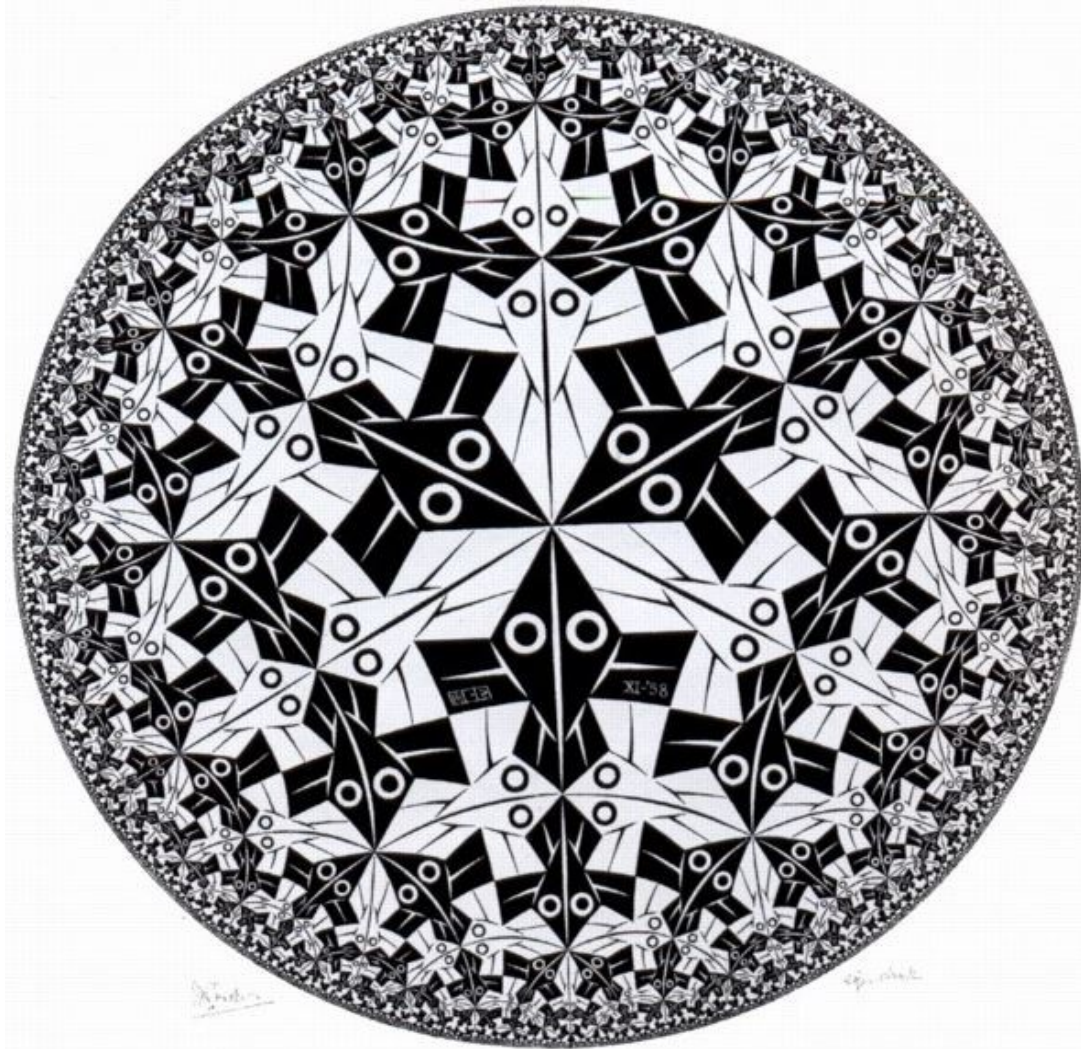
In un guscio di noce - Escher



Limite del quadrato - Escher



Limite del cerchio I - Escher

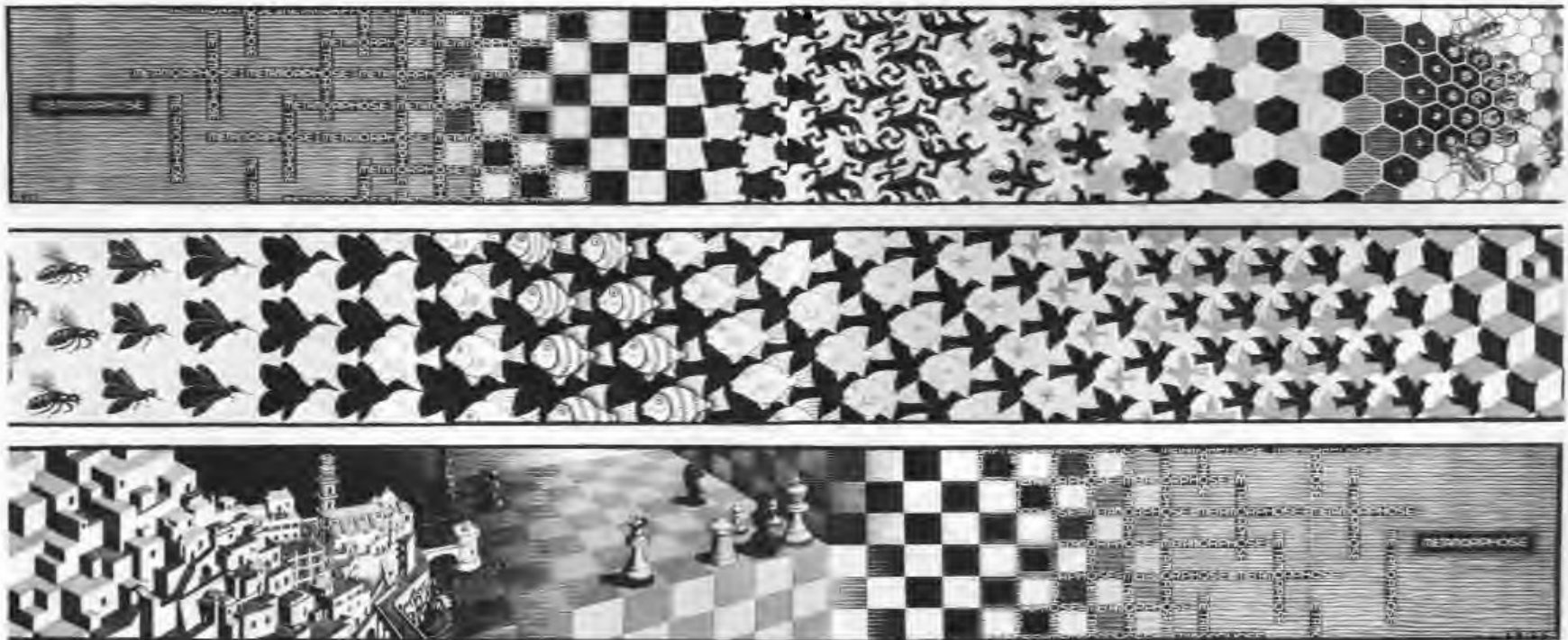


Cerchio Limite IV – Paradiso e Inferno - Escher



Metamorfosi di Escher

(dal libro di Hofstadter Godel, Escher e Bach)



Butterflies di Escher

(dal libro di Hofstadter Godel, Escher e Bach)



<https://youtu.be/1AFR1H6jIO8> Sulle particelle nella fisica

<https://youtu.be/X35rjnwTocg> per chi fosse interessato ad una trattazione più organica e non complicata delle particelle; è una serie di più filmati

<https://youtu.be/AfCcnac2KJs> Sulla prospettiva secondo Brunelleschi

https://youtu.be/cFg2-z_pCZI Sull'inversione circolare