

MENELAUS, CEVA OG PONCELET

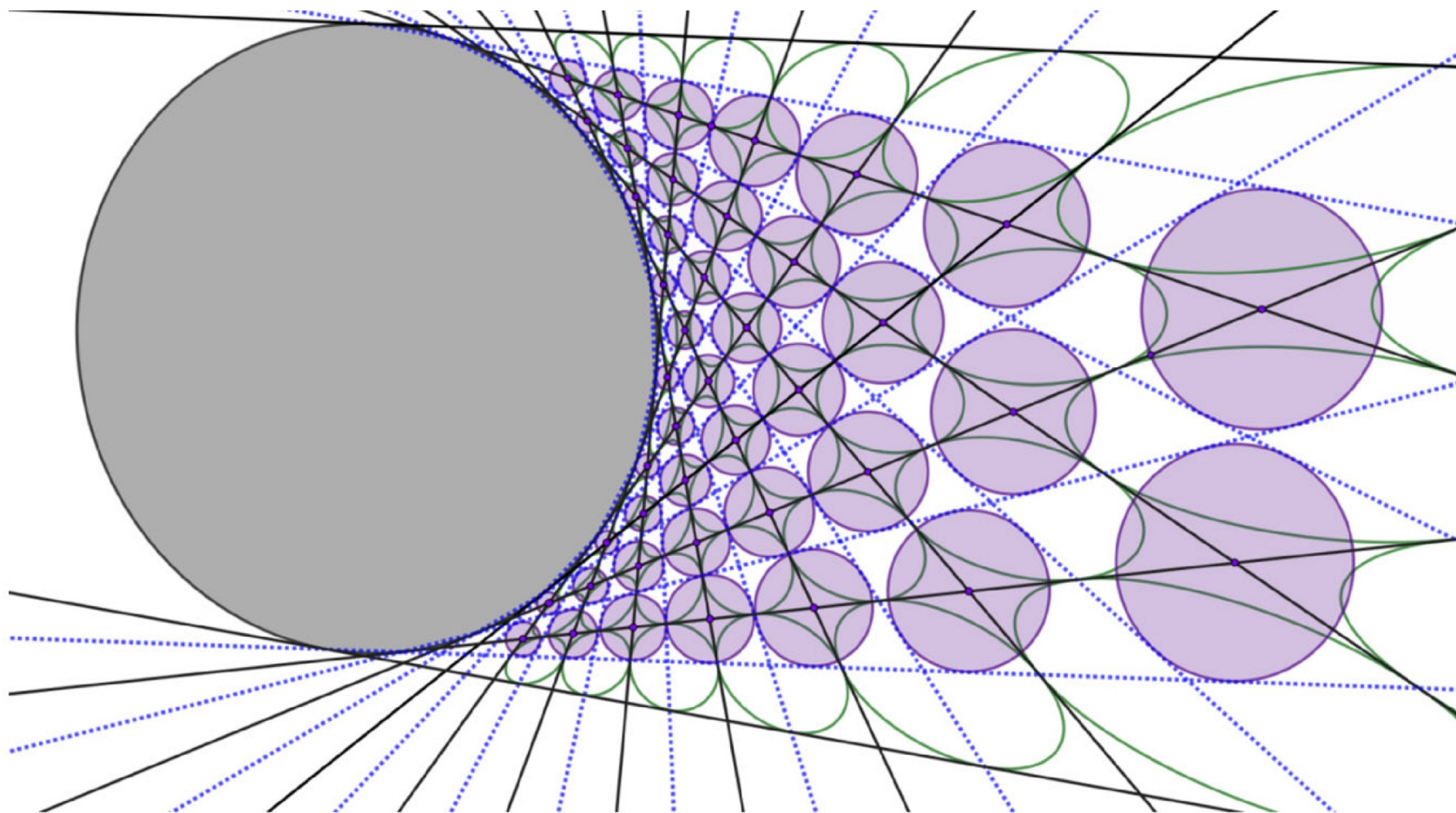
Kristian Ranestad

(etter Alexander Bobenko og Alexander Fairley)

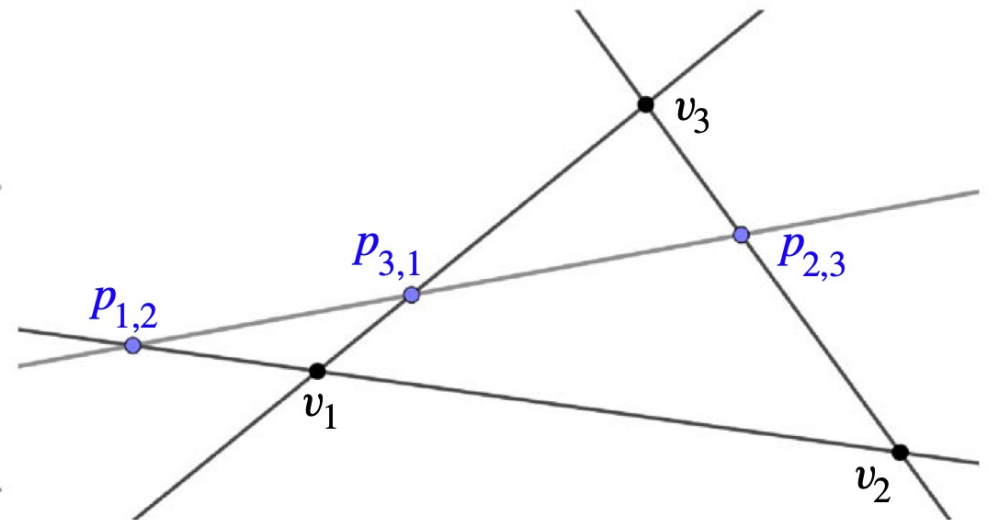
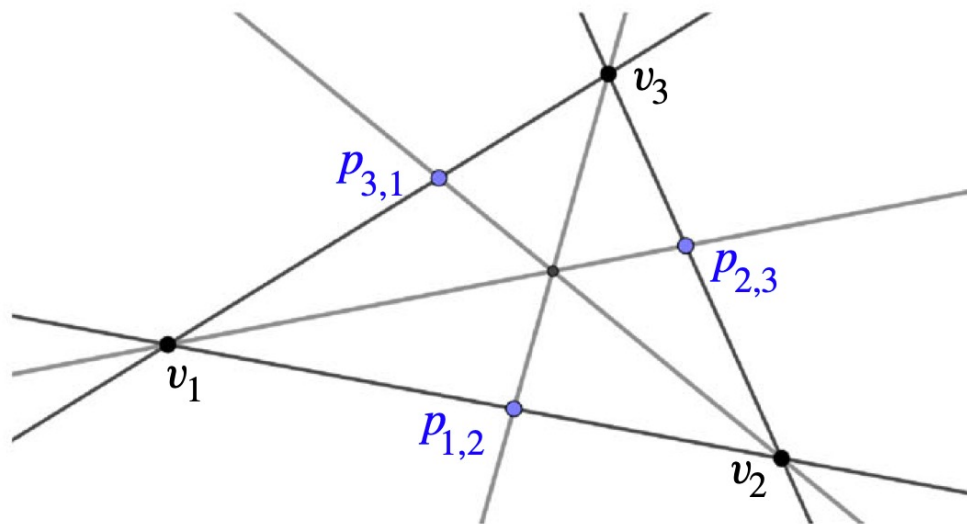
FP-dag 3.11.2022

)

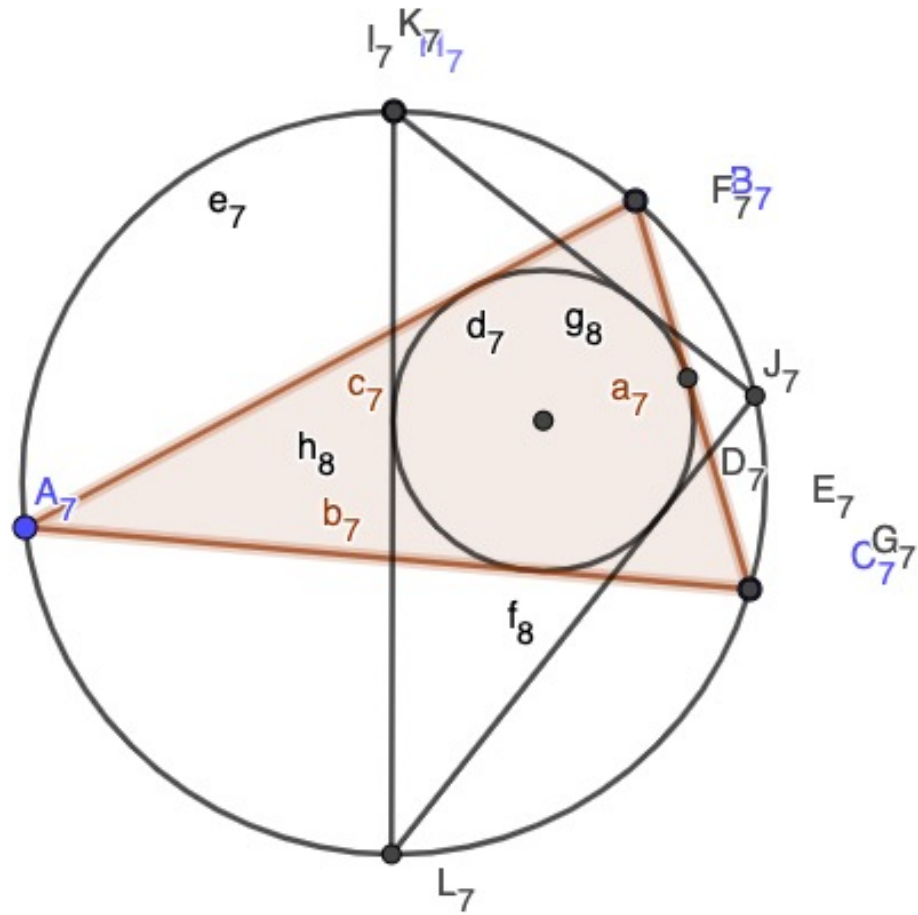
Linjer, innskrevne sirkler og kjeglesnitt



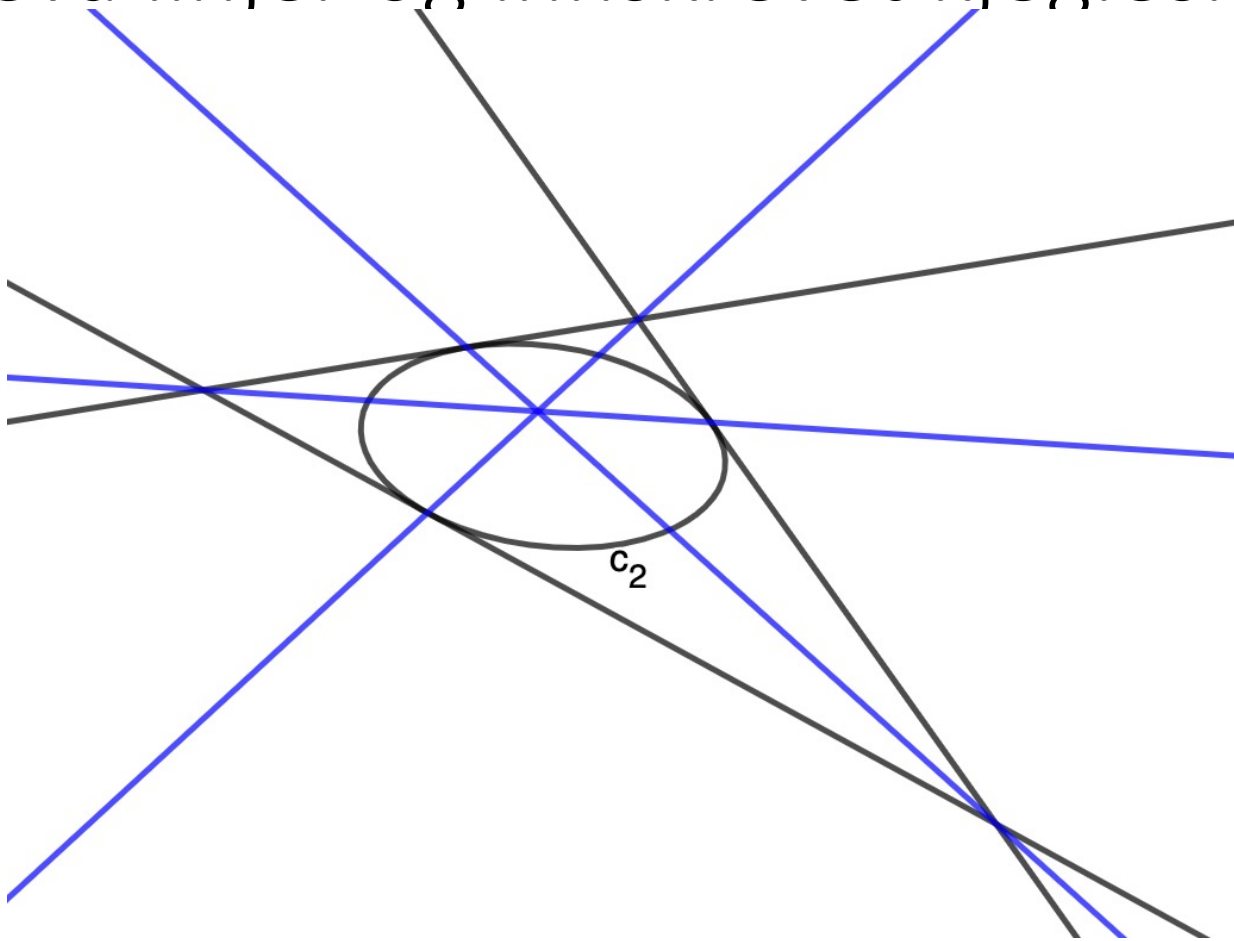
Ceva og Menelaus



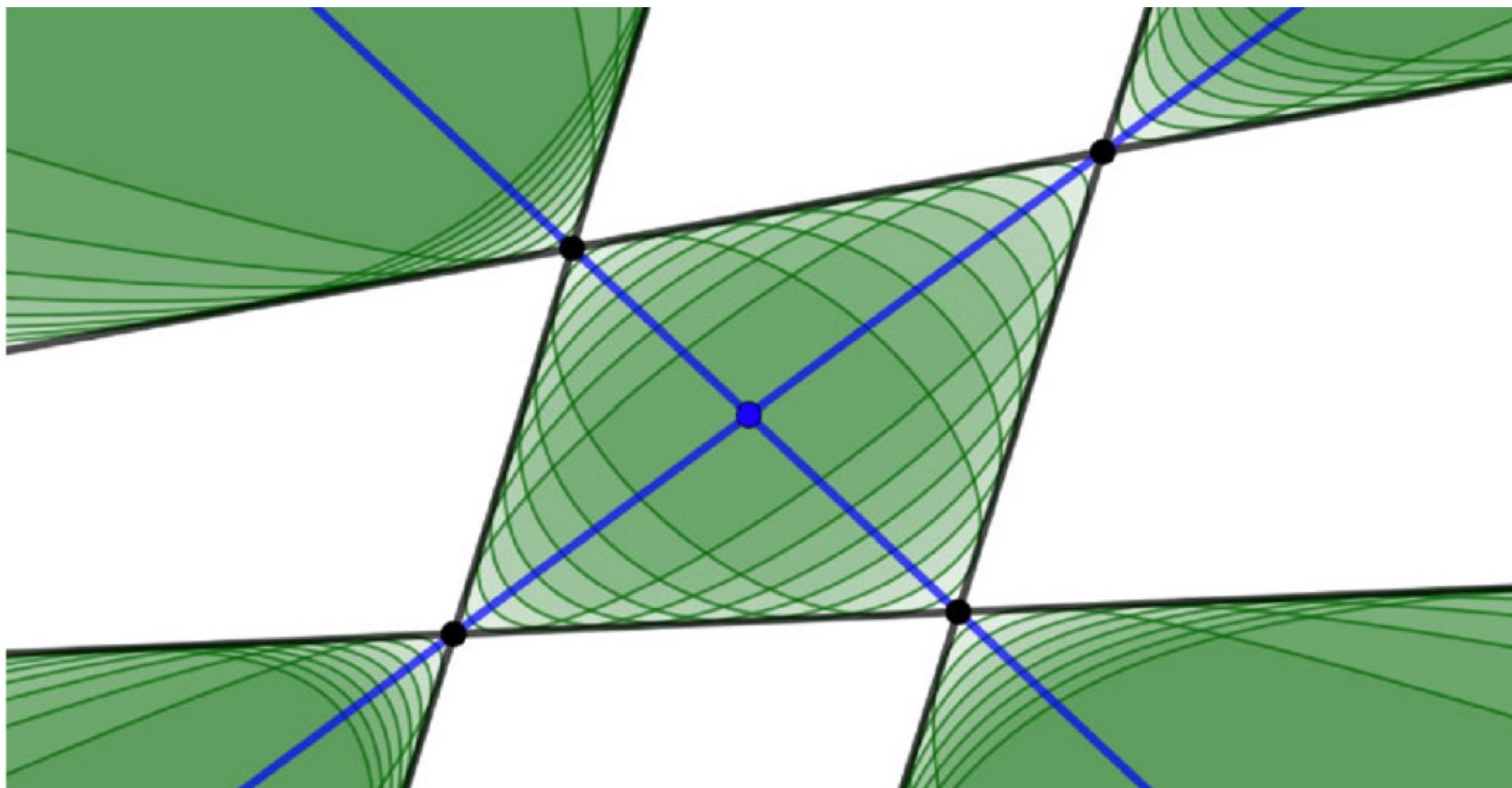
Poncelet



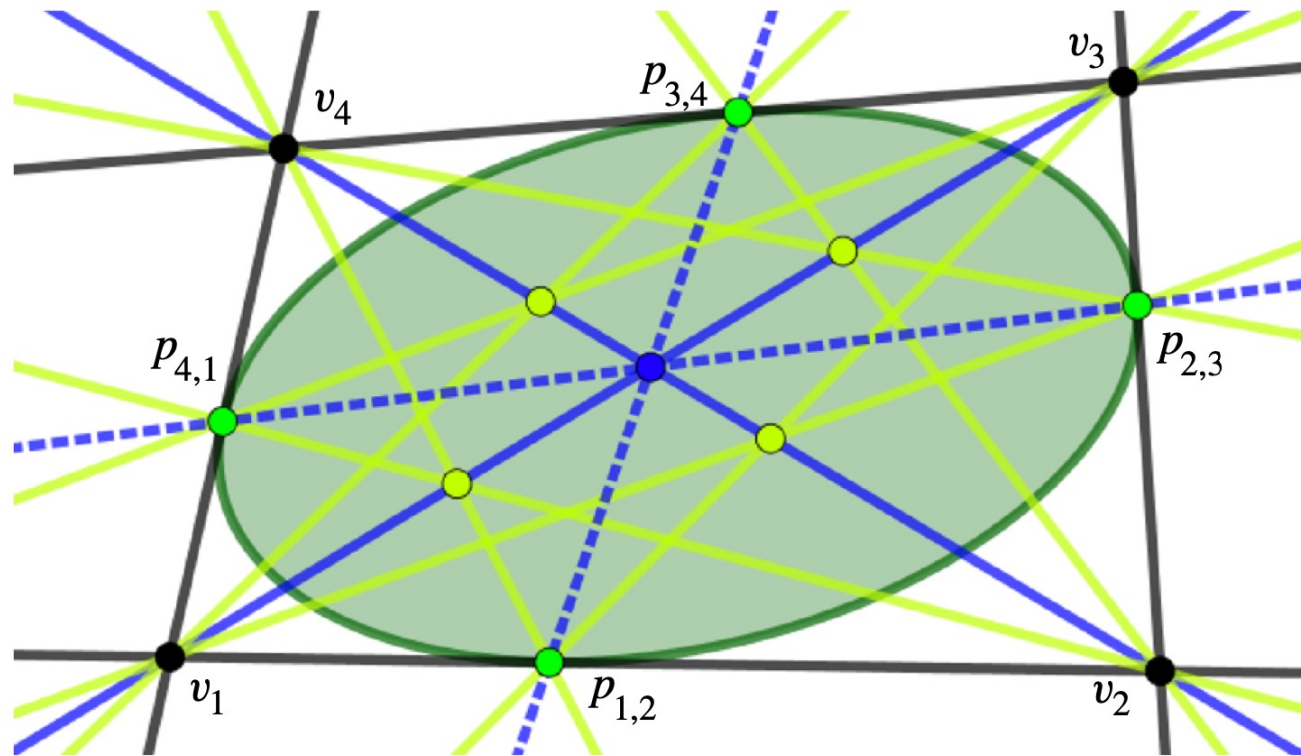
Ceva linjer og innskrevet kjeglesnitt



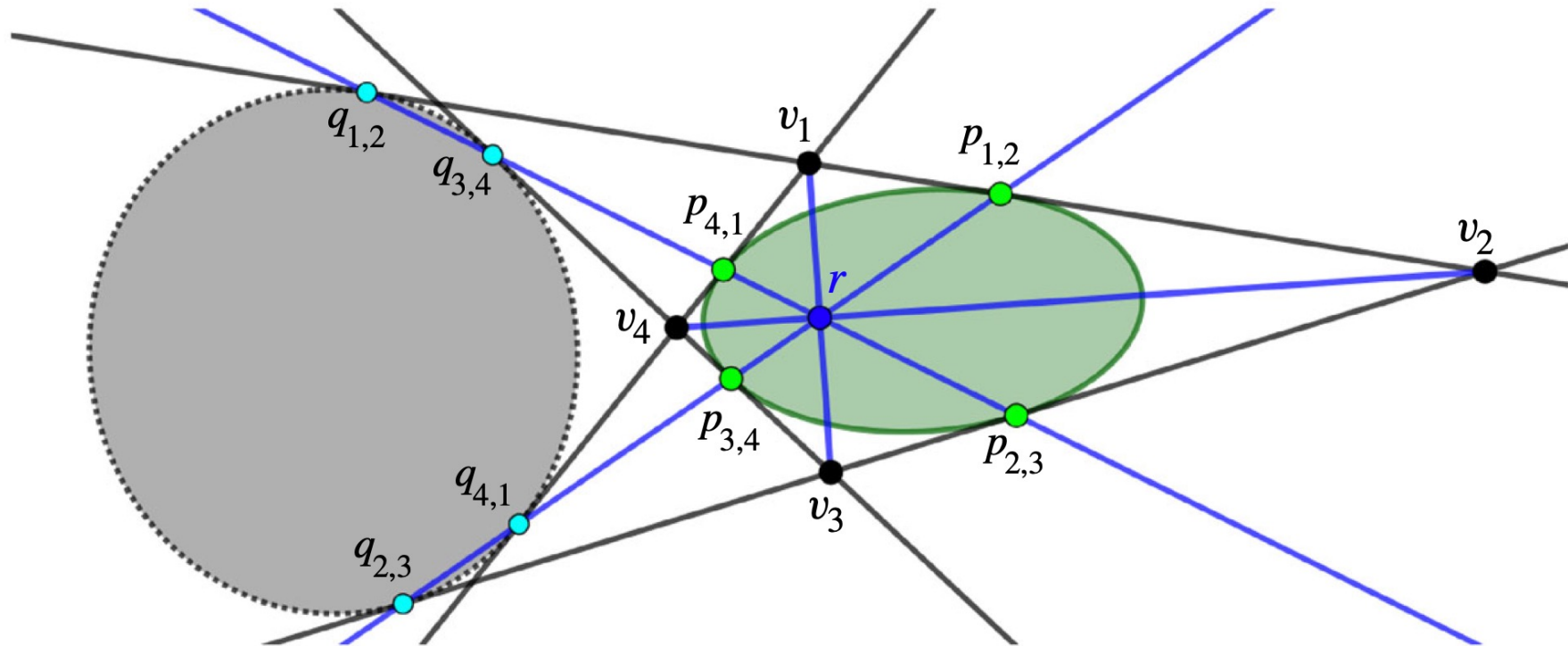
Firkanter med innskrevne kjeglesnitt



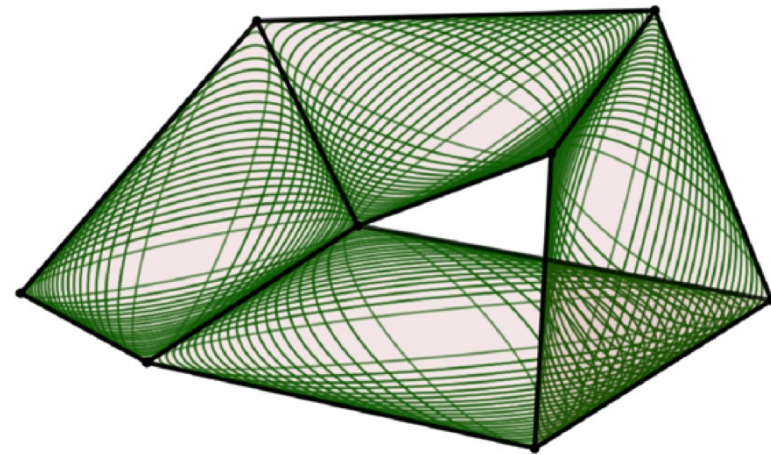
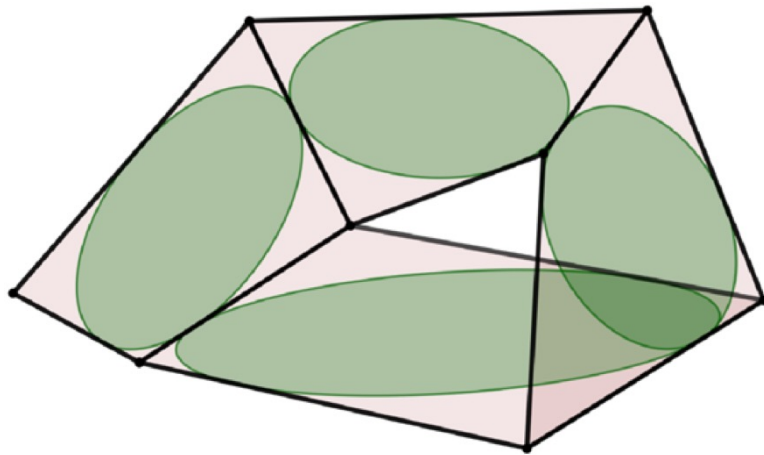
Ceva og innskrevne kjeglesnitt i firkant



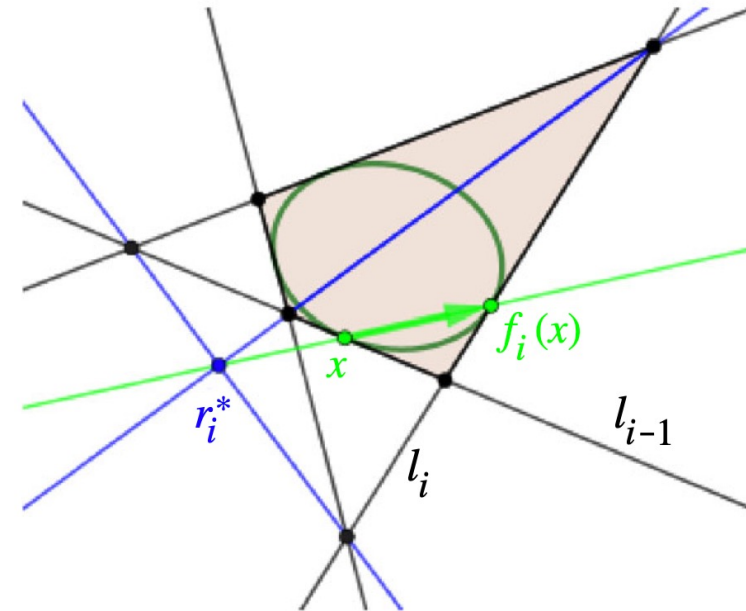
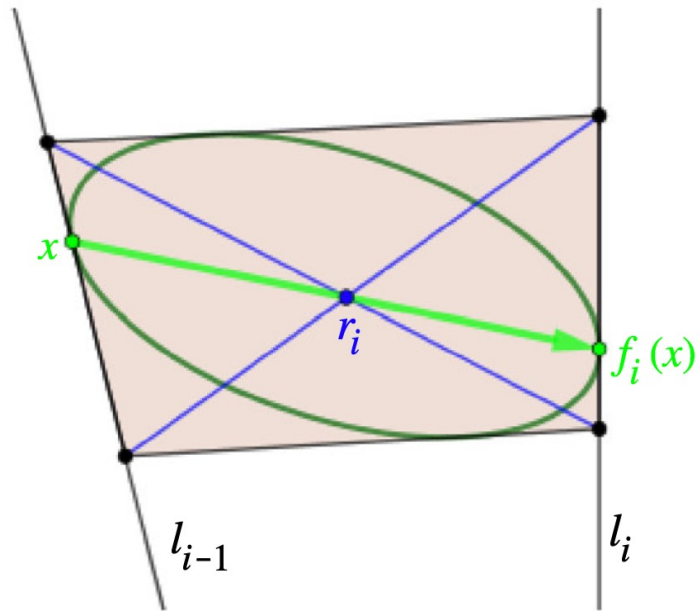
Par av innskrevne kjeglesnitt



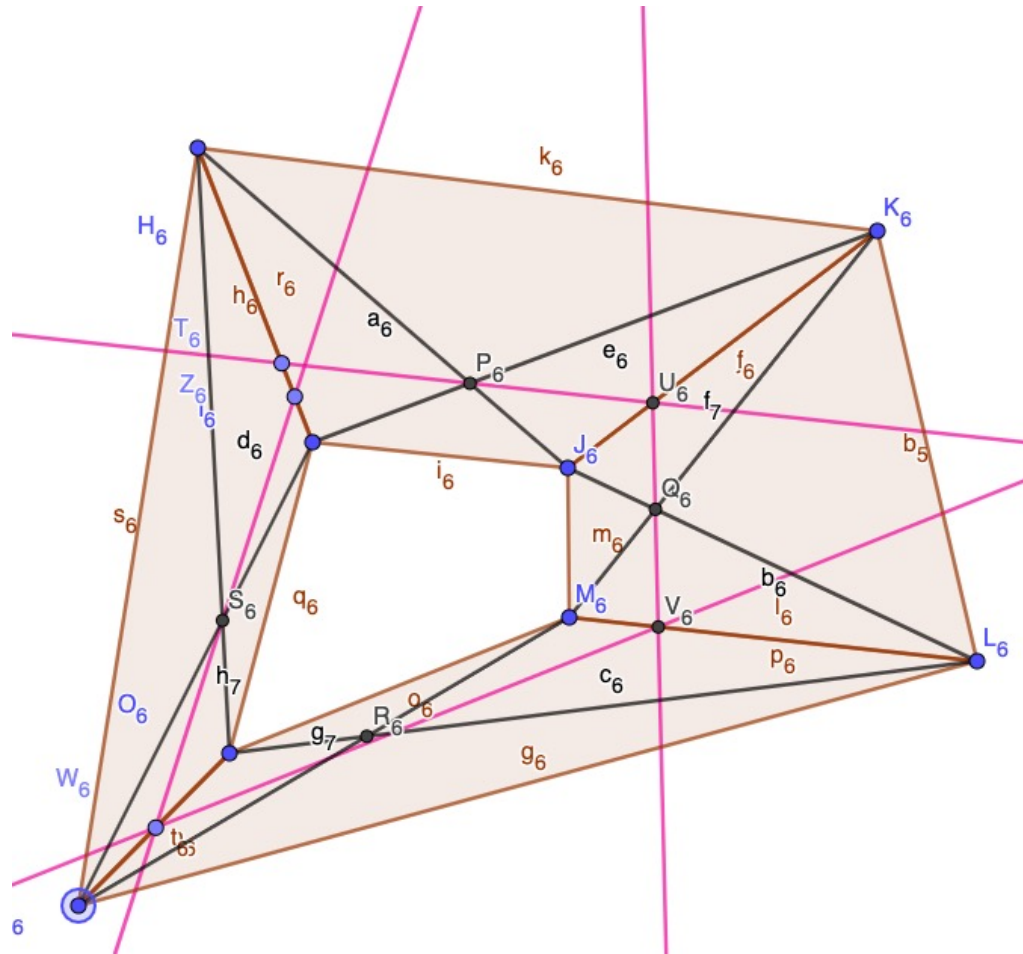
Følger av innskrevne kjeglesnitt
Hvis en så mange



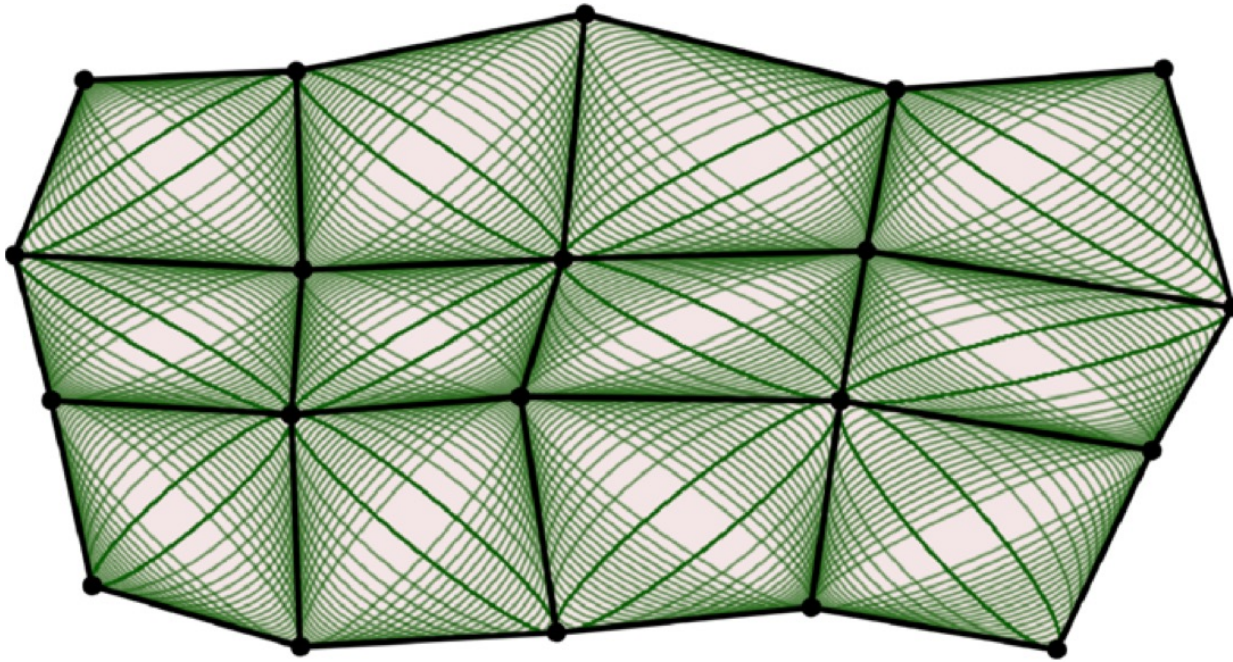
En projektive transformasjon



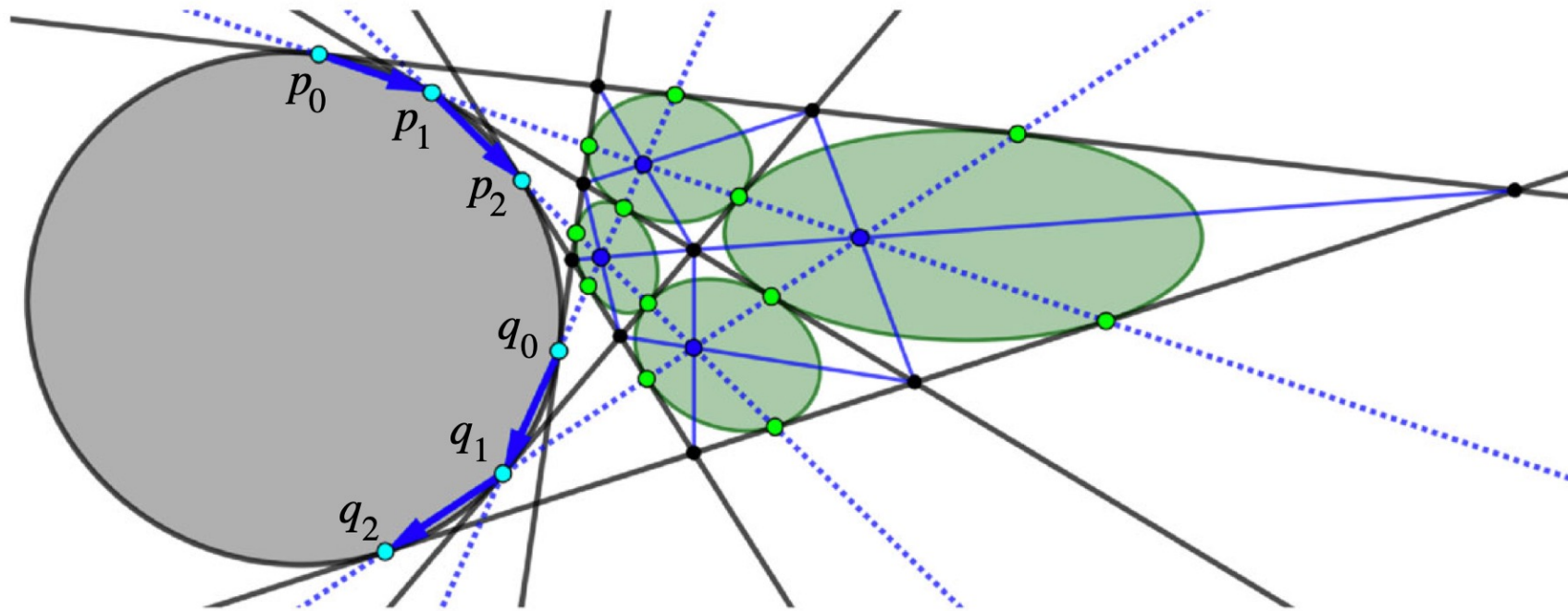
En følge av projektive transformasjoner

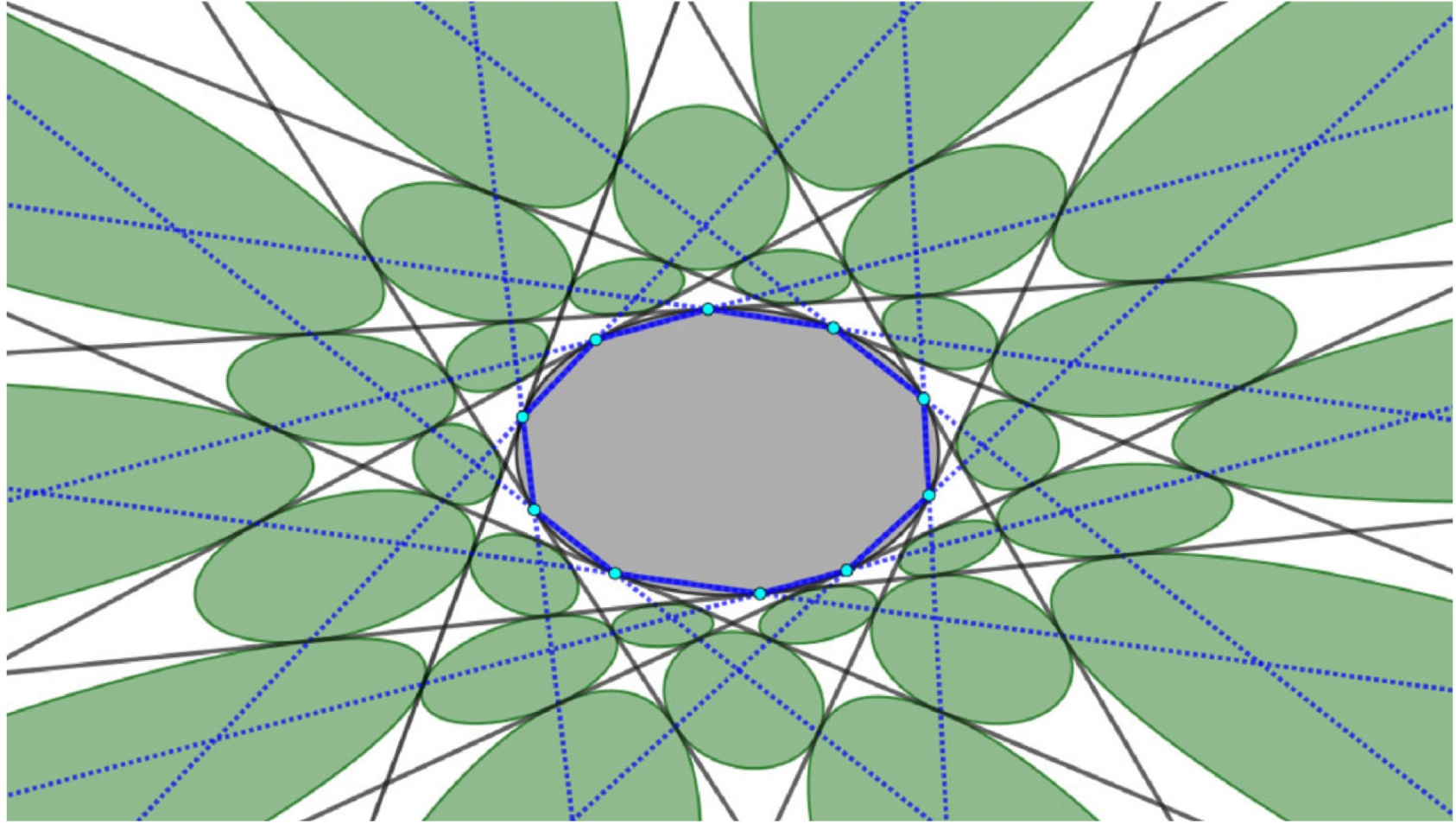


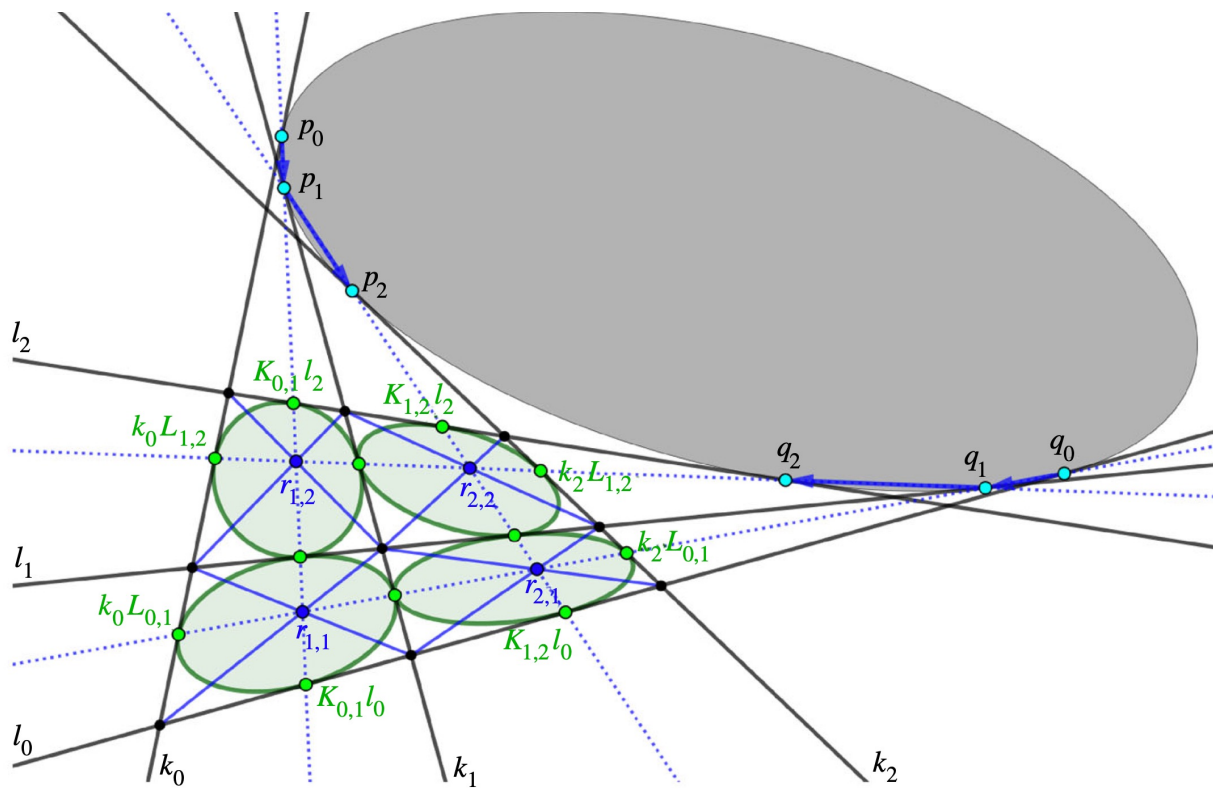
Mange

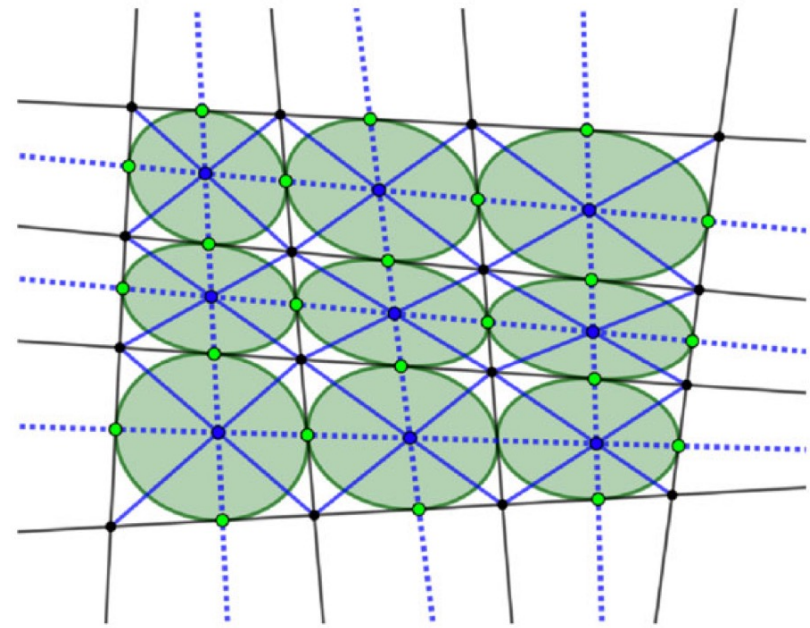
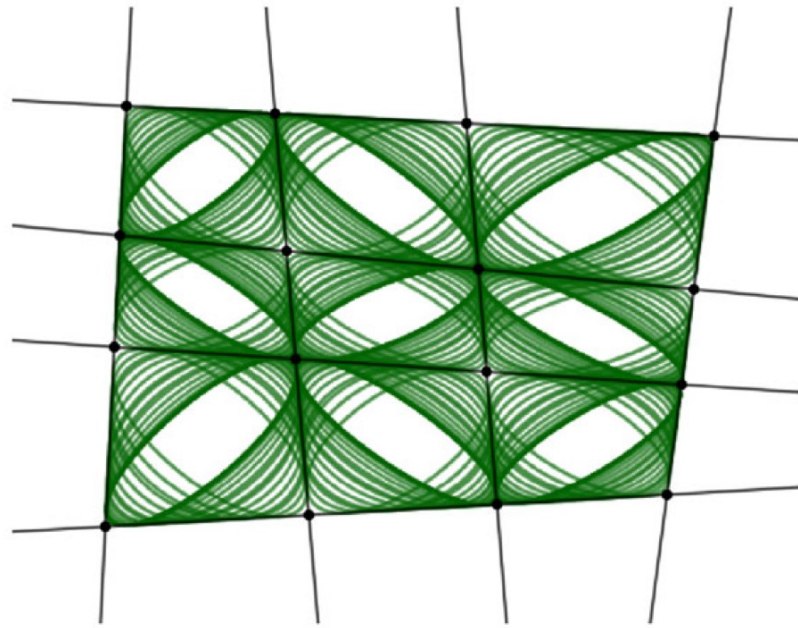


Tangenter til et kjeglesnitt









Referanse

Bobenko and Farley:

Nets of Lines with the Combinatorics of the Square Grid and with Touching Inscribed Conics , Discrete & Computational Geometry (2021) 66:1382–1400

Takk for oppmerksomheten