

MATH 5020

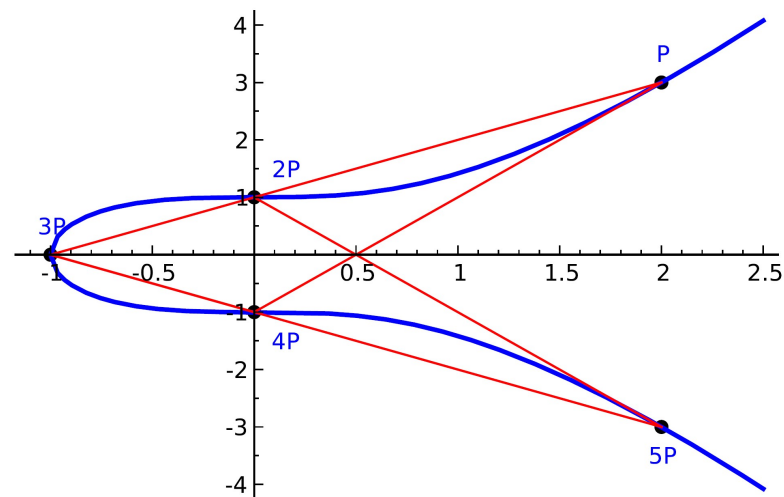
THE ARITHMETIC OF ELLIPTIC CURVES

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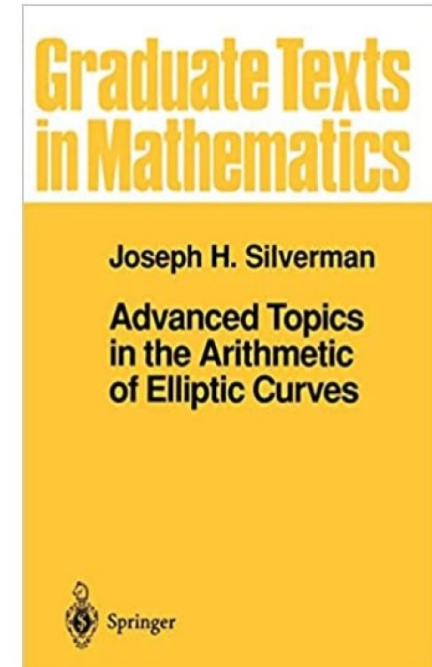
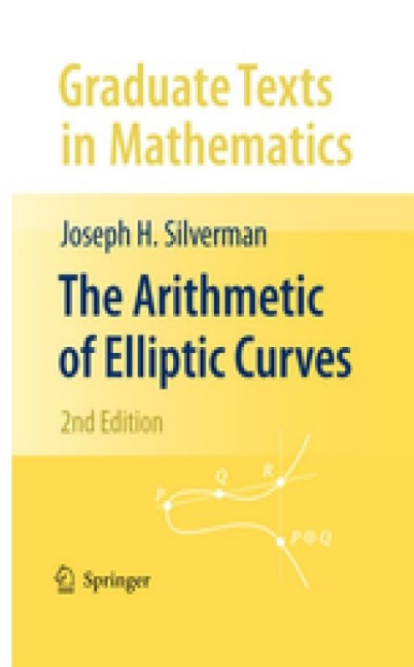
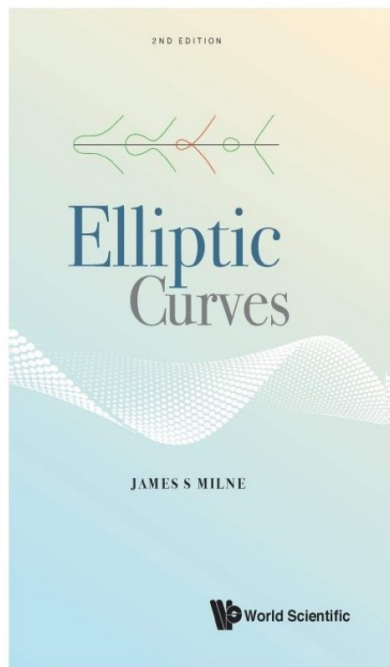
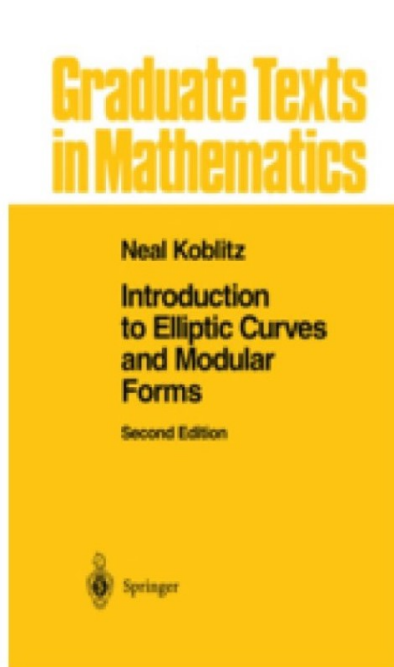
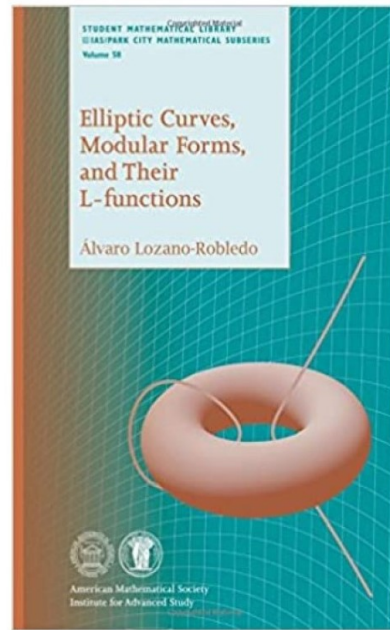
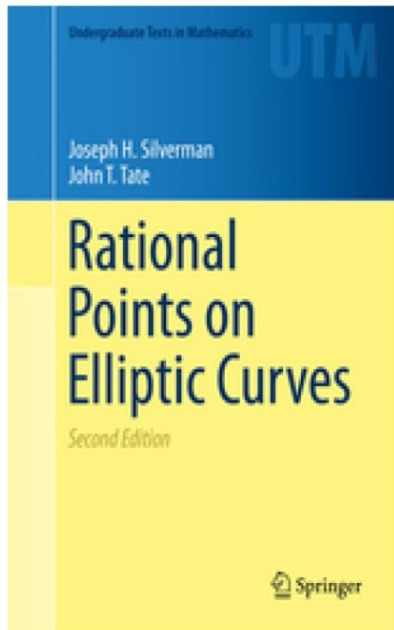
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OFFICE HOURS: (check email)

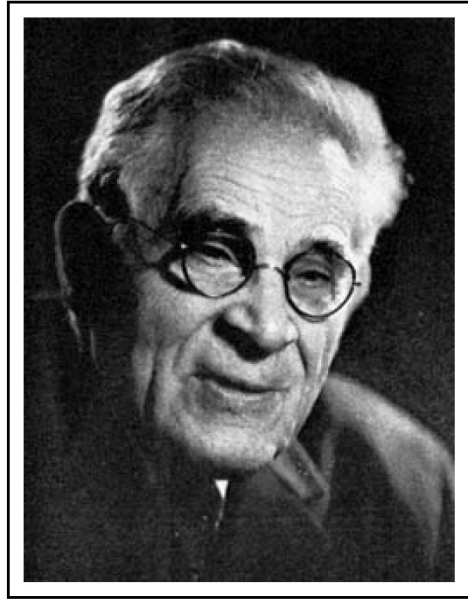


The elliptic curve $E/\mathbb{Q} : y^2 = x^3 + 1$ has a point $P = (2, 3)$ of order 6.

ABOUT BOOKS ...



GOAL OF THE COURSE...



Louis Mordell
1888 – 1972



André Weil
1906 – 1998

