

Math 301

Outline

Complex Integration (2 weeks)

Multivalued functions, branch points and branch cuts (1.5 weeks)

Conformal mappings and applications (3 weeks)

Poles and zeros of complex functions (1 week)

Laplace transform (2 weeks)

Fourier transform (1.5 weeks)

See

https://slate.math.ubc.ca/slate/Slate/2016-2017/Winter_Term2/MATH301/

for more details