Eine Woche, ein Beispiel
6.8 from curve to abelian variety

Setting: C: sm proj curve over $\mathbb{C}$, of genus g

single basic object		embedding		moduli	
		cycle-class map	polarization		
curve	Jacobian	Abel-Jacobi	Θ-divisor	Torelli	Schottky
double cover	Prym	Abel-Prym	Θ-divisor	Prym-Torelli	
Riemann-Roch			intersection number	bounded domain	
gonality & Clifford			singularity		
Brill-Noether					
Kirchhoff's matrix tree					

Rmk. This procedure can be mainly generated in two directions:

- Intermediate Jacobian $\mathrm{Jac}^d(X)$ for a sm proj variety X.
  e.g. Albanese variety & Picard variety

  Here, X can be replaced by a logarithmic pair (X, D).

  In some cases, the Intermedean Jacobian can be identified as some Prym variety.

- Tropical version
  discrete graph + metric graph