

- M an A -module
- $M_{\mathbf{tor}} := \{m \in M \mid \mathbf{Ann}_A(m) \neq 0\}$
- $\phi_{\mathbf{tor}}(K^{\mathbf{alg}}) := (K^{\mathbf{alg}}, +)_{\mathbf{tor}}$

- $\phi_a = \sum_{i=0}^d b_i \tau^i$

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$$x \mapsto \sum_{i=0}^d b_i x^{pi}$$

- $b_0 \neq 0$ it is a separable map