Γ, Λ

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$$E_l(\lambda;\omega) := \exp(l\lambda)\exp(\iota\omega) \qquad E_s(\lambda,\omega) = l(e^{\lambda})e^{\iota(\omega)}$$

$$E_l(\lambda;\omega) = E_s(\Gamma(\lambda);\omega)$$

$$E_l(\lambda) := e^{l(\lambda)} \qquad E_l(\lambda) = E_s(\Gamma(\lambda))$$

Λ, Γ are non-linear!

$$E_s(\lambda) := l(e^{\lambda}) \qquad E_s(\lambda) = E_l(\Lambda(\lambda))$$

$$\frac{d}{dt}E_s(t\lambda) = l\left(\frac{d}{dt}e^{t\lambda}\right) = l(\lambda e^{t\lambda})$$

$$\|$$

$$\frac{d}{dt}E_l(\Lambda(t\lambda)) = \frac{d}{dt}e^{l(\Lambda(t\lambda))} =$$

$$\frac{d}{dt}E_l(t\lambda) = \frac{d}{dt}e^{tl(\lambda)} = l(\lambda)e^{tl(\lambda)} = l(\lambda)E_s(\Gamma(t\lambda))$$

$$= l(\lambda)l(e^{\Gamma(t\lambda)})$$

$$\|$$

$$\frac{d}{dt}E_s(\Gamma(t\lambda)) = l\left(\frac{d}{dt}e^{\Gamma(t\lambda)}\right)$$