I'm still missing a name for that

December-19-13 3:23 PM

continued as "2014-01/The Growth map".

$$e^{s\,\mathrm{ad}_u(\gamma)} = C_u^{\beta(s)} \qquad \text{Find } \beta(s)$$

$\frac{d}{ds}$:

$$\mathrm{ad}_u\gamma /\!/ e^{s\,\mathrm{ad}_u(\gamma)} = \mathrm{ad}_u\left(\beta' /\!/ \frac{e^{\mathrm{ad}\,\beta(s)}-1}{\mathrm{ad}\,\beta(s)} /\!/ RC_u^{-\beta(s)}\right) /\!/ C_u^{\beta(s)}$$

$$\beta' /\!/ \frac{e^{\mathrm{ad}\,\beta(s)}-1}{\mathrm{ad}\,\beta(s)} /\!/ RC_u^{-\beta(s)} = \gamma$$

$$\beta' = \gamma /\!/ C_u^{\beta(s)} /\!/ \frac{\mathrm{ad}\,\beta(s)}{e^{\mathrm{ad}\,\beta(s)}-1}$$

$$= \gamma /\!/ e^{s\,\mathrm{ad}_u\gamma} /\!/ \frac{\mathrm{ad}\,\beta(s)}{e^{\mathrm{ad}\,\beta(s)}-1} \qquad \Rightarrow \text{diffiQ}$$

$$C_u^{s\beta} = e^{\mathrm{ad}_u\gamma(s)} \qquad \text{Find } \gamma(s)$$

$\frac{d}{ds}$:

$$\mathrm{ad}_u\left(\beta /\!/ RC_u^{-s\beta}\right) /\!/ C_u^{s\beta} =$$

$$\left((\mathrm{ad}_u\gamma') /\!/ \frac{e^{\mathrm{ad}\,\mathrm{ad}_u\gamma}-1}{\mathrm{ad}\,\mathrm{ad}_u\gamma}\right) e^{\mathrm{ad}_u\gamma}$$

} I don't want to be here, at least not yet.