Hille Series Trajectory Tracing

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Introduction

The Hille series is equivalent to a discretized Taylor series under the limit

$$\lim_{\Delta t \to 0} \sum_{n=0}^{\infty} \frac{t^n}{n! \Delta t^n} \mathrm{D}^n f(a) = f(a+t)$$

$ for $t > 0$.

Version Info

```
git clone git@github.com:hasselmonians/hasselmo-tracking.git /home/ahoyland/code/hasselmo-tracking
git checkout   d43eb4c78480d98559e00ddd9b32f4229e14dc6c
git clone git@github.com:alec-hoyland/srinivas.gs_mtools.git /home/ahoyland/code/srinivas.gs_mtools
git checkout   c21986bb074dadb0258f494f6e0a024d05f21714
```

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