```
\begin{aligned} \mathbf{f} &= \{f_1, ..., f_m\} \\ f_i \\ \vdots \\ G^{[1]} \\ G^{\mathbf{ov}} \\ \vdots \\ G^{[1]} \\ \mathbf{grow} \\ \mathbf{ing} \\ \mathbf{steps} \\ \mathbf{1} \\ \mathbf{2nd} \\ G^{[1]}(V^{[1]}, E^{[1]}) \\ (u, v) \in \\ E^{[1]} \\ w_{uv} &= \exp\left(-d(u, v; \alpha)\right) \\ d \end{aligned}
```