(a) Toy example

Displacements:
- $d_{0,1} = 2.8$
- $d_{1,2} = 3.5$
- $d_{1,2} = 6.3$
- $d_{0,2} = 7.0$

Graph:

(b) Hough space:

All possible solutions for $d_{0,1}$

$1:1$

$\begin{align*}
\text{Velocity (v) from } t_1 \text{ to } t_2
\end{align*}$

$\begin{align*}
\text{Velocity (v)}
\end{align*}$

$\begin{align*}
\text{Velocity (v) during } t_0 \text{ to } t_1
\end{align*}$

$\begin{align*}
d_{0,1} = v_{0,1} + v_{1,2}
\end{align*}$