10-26-23 Meeting

Dominique McDonald

2023-02-17

Theorem Say we have μ_0, μ_1 as probability measures on $\mathbb{R}^d$. Let $\tau_{\mu_0,\mu_1} = \{T : \mathbb{R}^d \to \mathbb{R}^d | T_{\#\mu_0} = \mu_1\}$ - T preserves mass conservation requirement - sometimes set may be empty

$$\mu_0 = \delta_a \quad c \neq a \quad \mu_1 = \frac{1}{2}(\delta_a + \delta_c)$$

(add graphic -DJM)