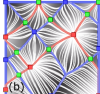
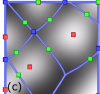




Continuous function f



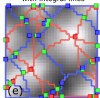
Morse-Smale complex with integral lines



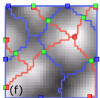
Valley-like integral lines



Noisy sampled function f'



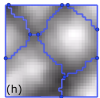
Noisy discrete Morse-Smale complex



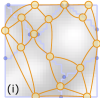
Simplified discrete Morse-Smale complex



Discrete valley-like lines



Valley-like polylines



Priors Graph