

other ES variants

- with diploidy / dominance + recessivity
for vector optimization (MCDM)
- with niching / migration
for multimodal optimization (course grained)
- with local interaction (diffusion)
for multimodal optimization (fine grained)
- with predator-prey selection
for multimodal optimization (tournament-like)
- nested ESs [Achenberg & Co.]

$$[\mu'/s', \lambda' (\underbrace{\mu/s, \lambda}_v)] ES$$

λ' subpopulations (demes) act in parallel
for v generations independently

$\underbrace{\hspace{10em}}$
meta-selection among λ' subpopulations

$(\mu, \lambda) ES$ good for dynamic opt.
(changing environment)