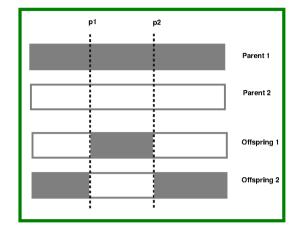
Méthode de résolution pour le problème de planification des tâches multi-objectif

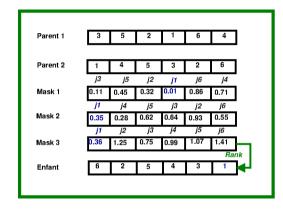
Emilie Allart - Master MOCAD Equipe DOLPHIN

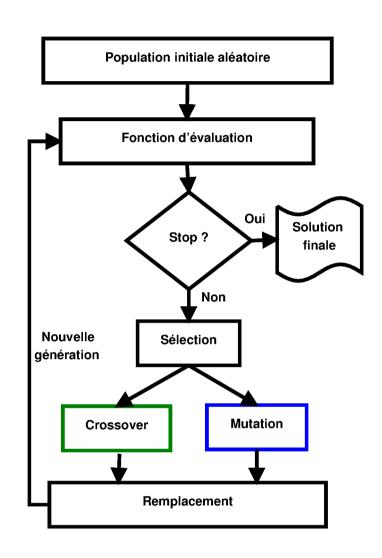
Algorithme évolutionnaire

2 point

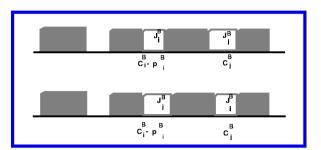


Masque

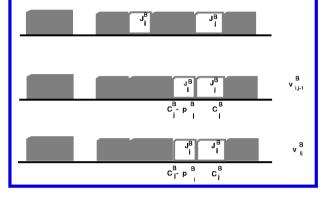




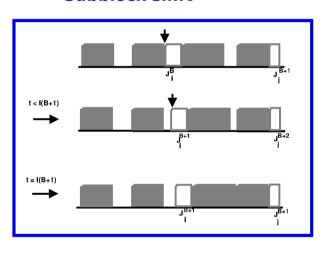
Swap



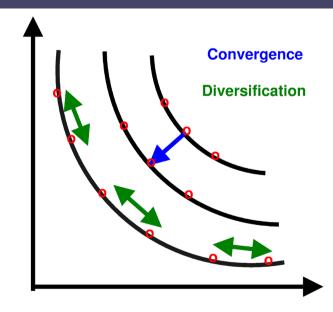
Extract-and-reinsert



Subblock shift



Multi-objectif



$$objectif1: earliness = \sum_{i=0}^{N} lpha_i \max((d_i - C_i), 0)$$

$$objectif2: tardiness = \sum_{i=0}^{N} eta_i \max((C_i - d_i), 0)$$

Résultats

	2-point		Mask		BestC		Mutation	
	eps	hyp	eps	hyp	eps	hyp	eps	hyp
20	≥ 0.5	=	≥ 0.3	=	=	=	=	≥ 0.3
60	=	=	=	=	=	=	=	=

		2-point		Mask		BestC		Mutation	
ĺ		eps	hyp	eps	hyp	eps	hyp	eps	hyp
ĺ	20	=	=	=	=	=	=	=	=
Ì	60	=		=	=	=	Mask	=	=



