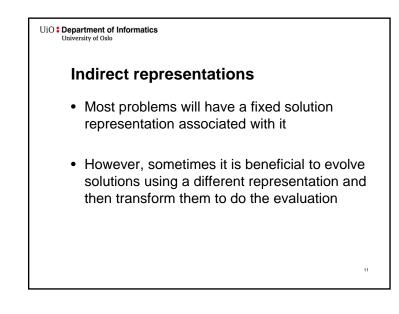
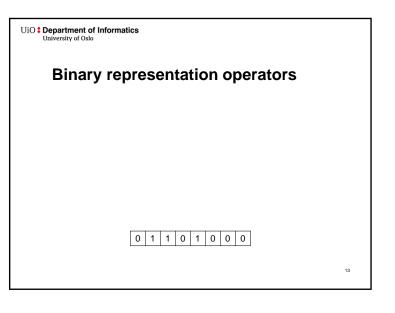
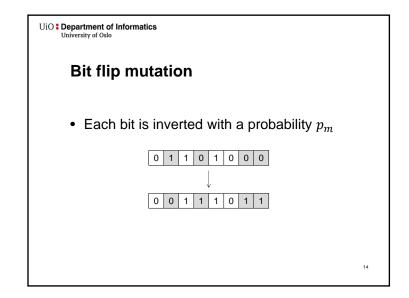
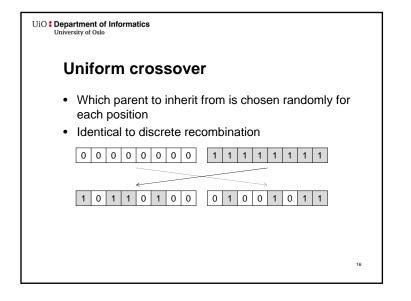


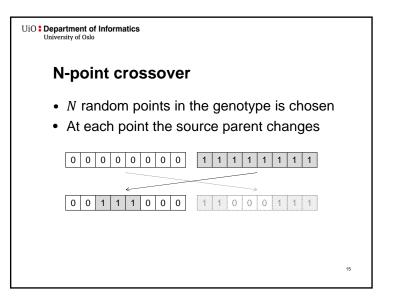
Department of Informatics University of Oslo Expanding the analogy	
Candidate solution	Individual
Representation used in the EA	Genotype, chromosome
Problem-defined representation	Phenotype
Position/element of the genotype	Locus, gene
Old solution	Parent
New solution	Offspring
Solution quality	Fitness
Random displacements added to offspring	Mutation
Search strategy	Mutation rate, gene robustness
A set of solutions	Population
	12

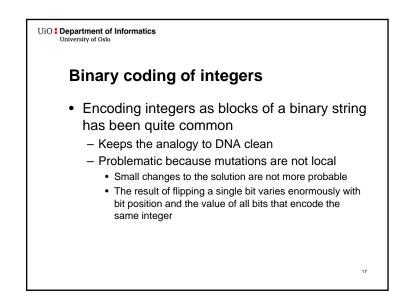


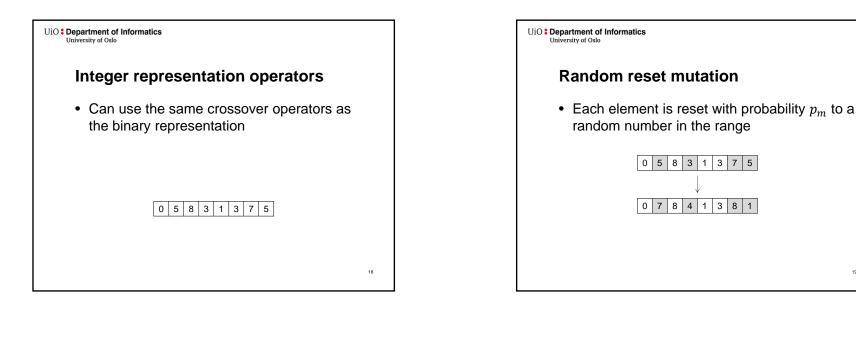


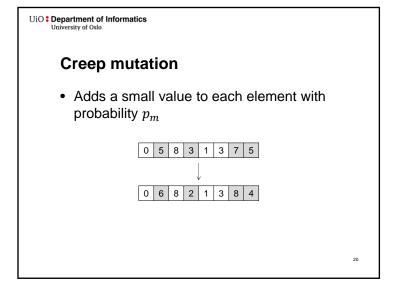


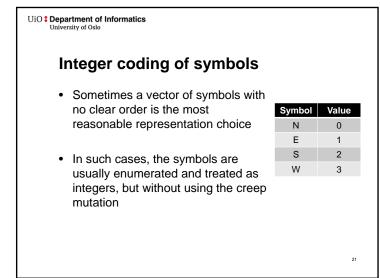


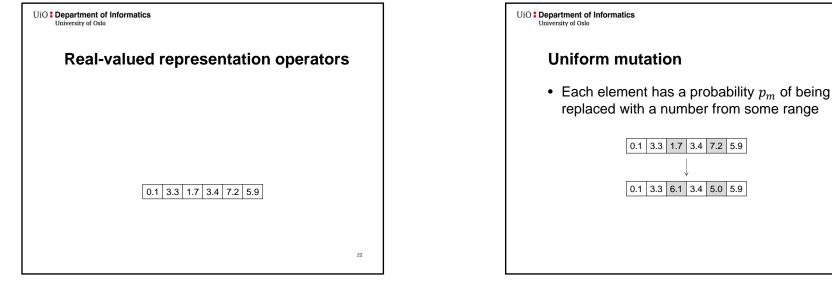


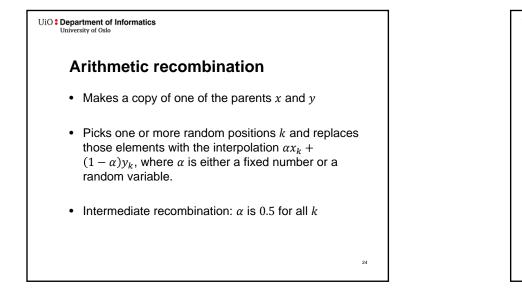


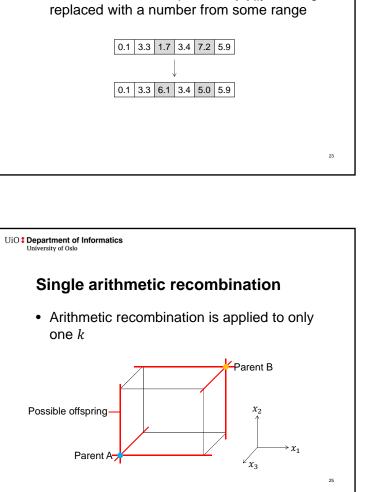


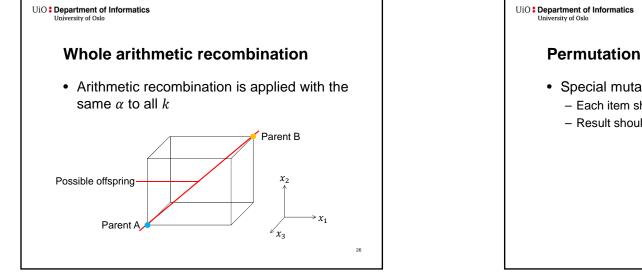


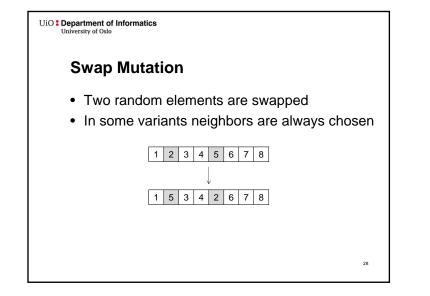


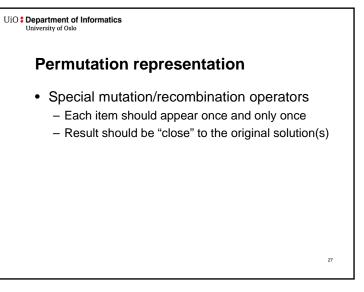


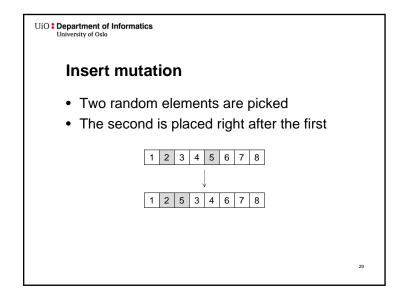


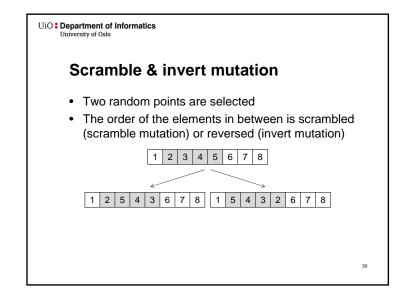


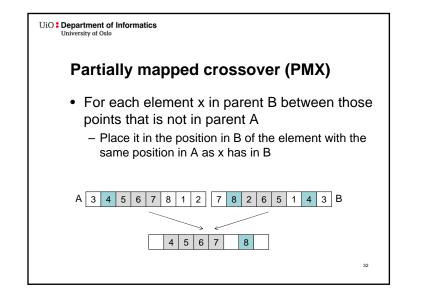


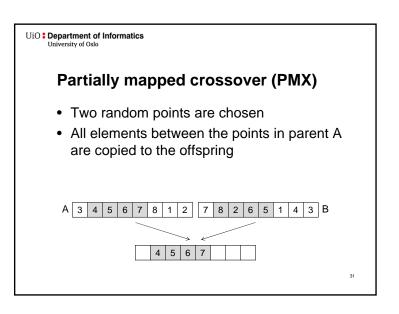


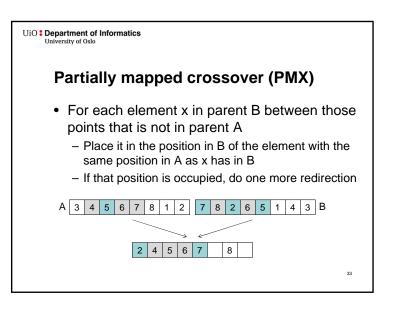


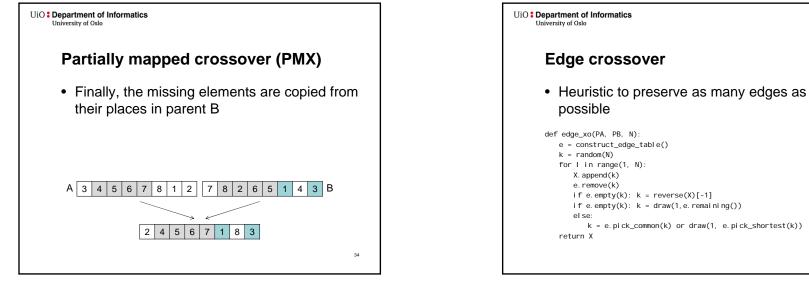












36

UiO : Department of Informatics University of Oslo

Order crossover

• Two random points are chosen

are copied to the offspring

• All elements between the points in parent A

A 3 4 5 6 7 8 1 2 7 8 2 6 5 1 4 3 B

4 5 6 7

