













E	Primal	Dual
	Maximization	Minimization
	Minimization	Maximization
	i <sup>th</sup> variable	i <sup>th</sup> constraint
	j <sup>th</sup> constraint	j <sup>th</sup> variable
	$x_i > 0$	Inequality sign of i <sup>th</sup> Constraint:  ≥ if dual is maximization ≤ if dual is minimization
	Primal	Dual
	i <sup>th</sup> variable unrestricted	ith constraint with = sign
	j <sup>th</sup> constraint with = sign	j <sup>th</sup> variable unrestricted
	RHS of j <sup>th</sup> constraint	Cost coefficient associated with j <sup>th</sup> variable in the objective function
	Cost coefficient associated with ith variable in the objective function	RHS of i <sup>th</sup> constraint constraints















































































































































