

Heterogeneous processes distribution (HeHo) versus heterogeneous data distribution (HoHe)

HeHo

- Pro
 - **does not require redevelopment** of the applications with homogeneous data distribution
 - is successful in many cases
- Contra
 - the main problem is to determine the necessary number of the processes

HoHe

- Pro
 - is successful in the majority of cases
- Contra
 - **requires redevelopment** of the applications with homogeneous data distribution.

Models used for heterogeneous load balancing

	HoHe	HeHo
Processor performance is constant + can be easily constructed - is unsuitable for the some task sizes and the system parameters	General distribution strategies	Does not allow to determine the optimal number of the processes
Processor performance is a function of the task size and the system parameters + is more precise - requires significant efforts for construction.	In the majority of cases distribution strategies are application specific	Allows to determine the optimal number of the processes