

# Test Problems for Irregular Packing: JAKOBS

Description of table entries:

reference: publication in which test problem has been used  
name: name which the problem is referred to in this work  
size: number of items  
shapes: geometric shape type which the problem consists of  
source: source where the co-ordinates used for the experiments in this work have been obtained from;  
i.e. supplied by authors, stated in publication, extracted from sample layout in publication or  
extracted from scanned sample layout in publication  
factor: scaling factor between problem instance used in the current work and the problem used in the  
publication; only stated if dimensions are used in publication

Table: Irregular test problems from literature: artificially created problems

reference	name	size	problem type	shapes	source	factor
Jakobs (1996)	Jakobs1	25	artificial	polygons	constructed from sample layout in paper	1
Jakobs (1996)	Jakobs2	25	artificial	polygons	constructed from sample layout in paper	2



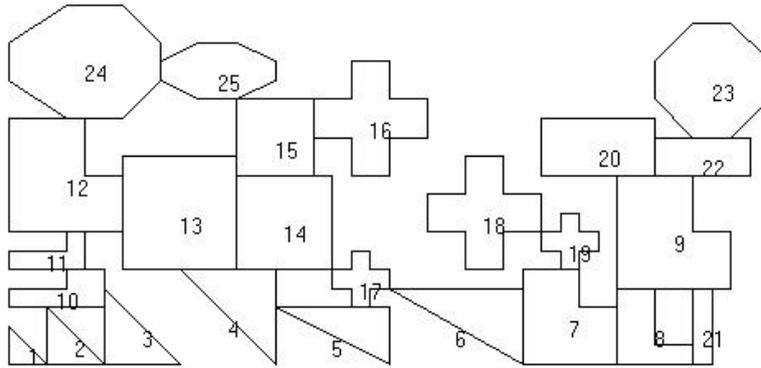


Figure: Data set for test problem Jakobs1

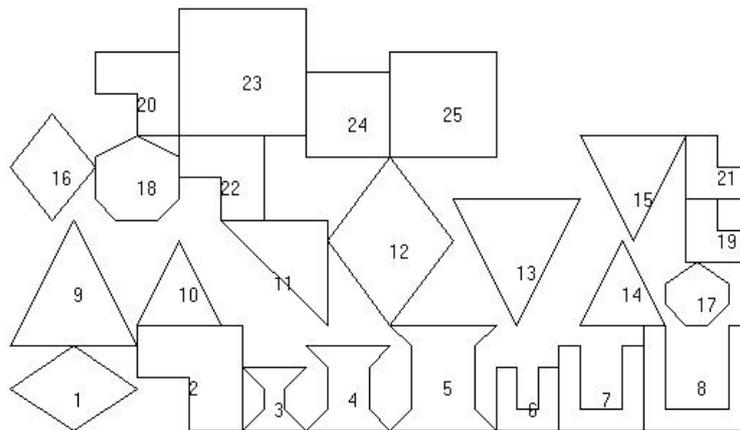


Figure: Data set for test problem Jakobs2

## References

Jakobs, S. 1996, On genetic algorithms for the packing of polygons. *European Journal of Operations Research* 88, 165-181.