

Objective Archive Management

NSGA3 partition results

Hypervolume, spread, and non-dominated size of the solution sets found using different partition sizes with the Das-Dennis approach in NSGA3.

		# Part.	3	4	6	9
DTLZ5	5	Size	12	30	45	131
		HV	0.999	0.999	0.999	0.999
		Spread	0.023	0.028	0.027	0.030
	10	Size	126	250	506	1236
		HV	0.999	0.999	0.999	0.995
		Spread	0.052	0.053	0.049	0.067
DTLZ6	5	Size	35	70	210	680
		HV	0.999	0.999	0.999	0.999
		Spread	0.141	0.143	0.143	0.149
	10	Size	220	714	1435	1649
		HV	0.999	0.999	0.998	0.997
		Spread	0.23	0.231	0.243	0.243
WFG3	5	Size	31	53	79	174
		HV	0.863	0.869	0.897	0.892
		Spread	0.457	0.542	0.468	0.533
	10	Size	42	75	173	653
		HV	0.129	0.168	0.270	0.136
		Spread	0.738	0.887	1.822	0.891
WFG7	5	Size	35	70	210	710
		HV	0.557	0.611	0.654	0.662
		Spread	1.859	1.86	1.862	1.871
	10	Size	220	715	1371	1622
		HV	0.410	0.466	0.413	0.368
		Spread	3.844	3.856	3.753	3.504