

E

P_{true} for MOP Numeric Unconstrained Test Functions (Part IV)

The following figures present P_{true} for the so-called DTLZ (Deb-Thiele-Laumanns-Zitzler) test functions presented in Table A.4. Note that an analytical form exists for P_{true} in all cases [363]. DTLZ8 and DTLZ9 have constraints and, therefore, are included in Appendix G. P_{true} is not shown due to the high dimensionality (in decision variable space) of these test functions).

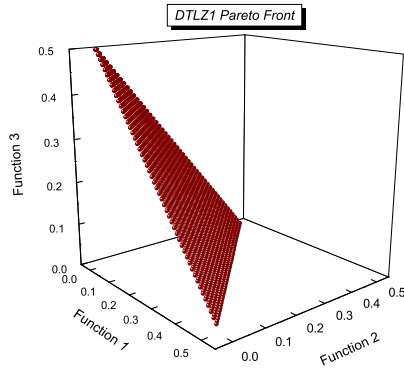


Fig. E.1. DTLZ1 Pareto Front

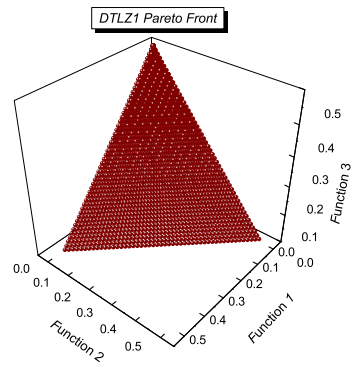


Fig. E.2. DTLZ1 Pareto Front

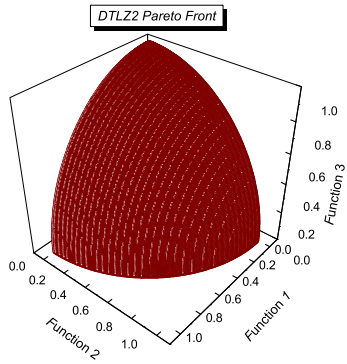


Fig. E.3. DTLZ2 Pareto Front

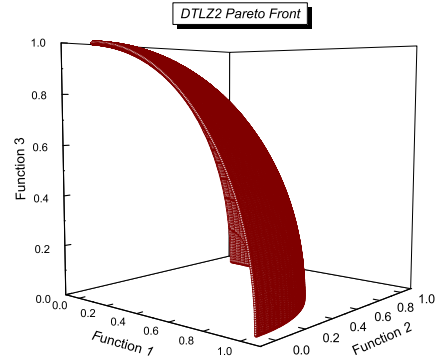


Fig. E.4. DTLZ2 Pareto Front

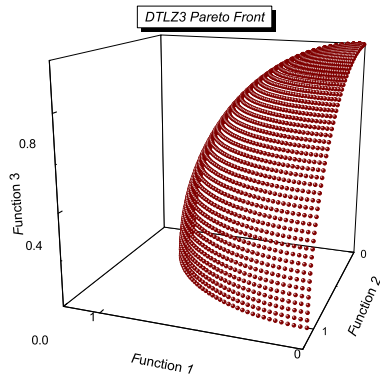


Fig. E.5. DTLZ3 Pareto Front

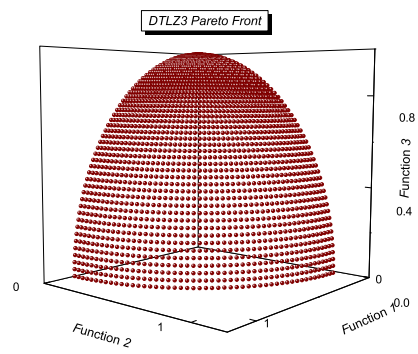


Fig. E.6. DTLZ3 Pareto Front

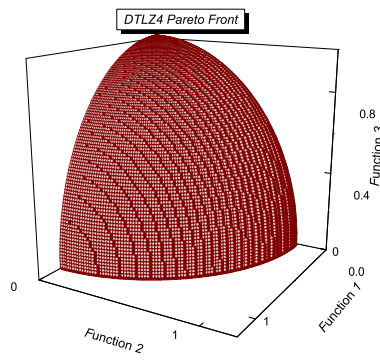


Fig. E.7. DTLZ4 Pareto Front

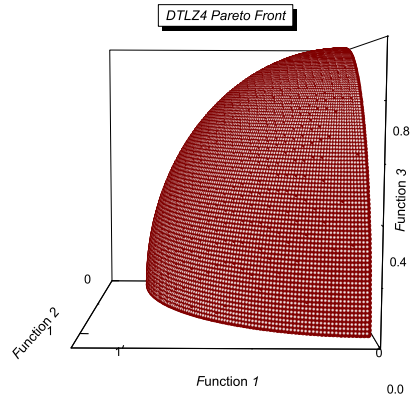


Fig. E.8. DTLZ4 Pareto Front

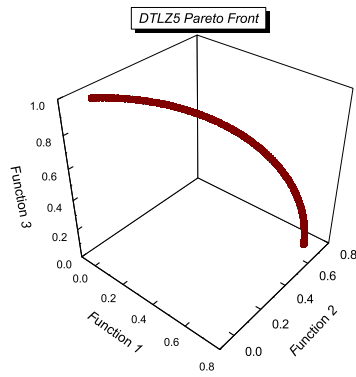


Fig. E.9. DTLZ5 Pareto Front

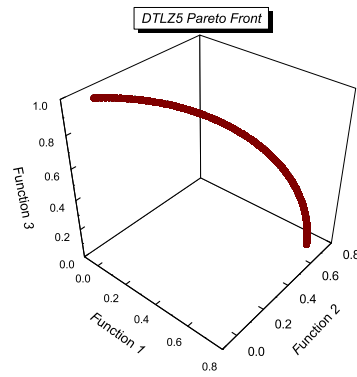


Fig. E.10. DTLZ5 Pareto Front

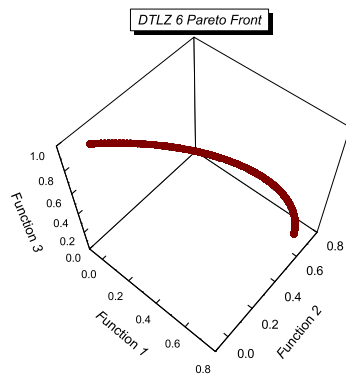


Fig. E.11. DTLZ6 Pareto Front

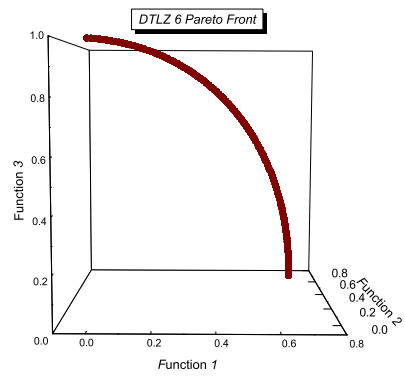


Fig. E.12. DTLZ6 Pareto Front

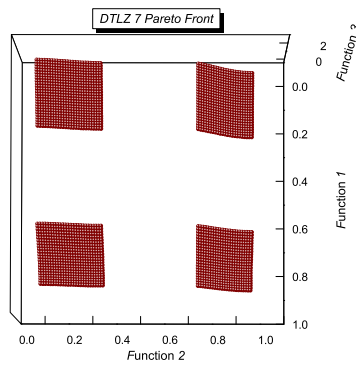


Fig. E.13. DTLZ7 Pareto Front

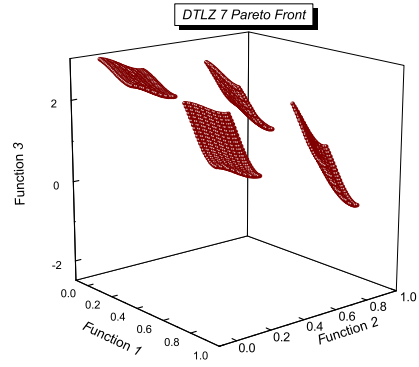


Fig. E.14. DTLZ7 Pareto Front