

## Matlab/Simulink-Programme

In der Liste werden Bildern und Beispielen verfügbare Matlab/Simulink-Programme zugeordnet. Um Matlab- und Simulink-Programme (bzw. m- und mdl-files) besser unterscheiden zu können, beginnen ihre Namen mit m bzw. s. Ferner werden für Zusatzprogramme folgende Abkürzungen verwendet:

CS      Control System Toolbox  
 FL      Fuzzy Logic Toolbox  
 SRO     Simulink Response Optimization

| Bild    | Beispiel | m-files   | mdl-files (Simulink-files) | Sonstiges |
|---------|----------|-----------|----------------------------|-----------|
| 1.8d    |          | m0108d    | s0108d                     | CS        |
| 1.9b    |          | m0109b    | s0109b                     | CS        |
| 1.13c   |          | m0113c    | s0113c                     | CS        |
| 2.3     |          | m0203     | s0203                      |           |
| 2.4     |          | m0204     | s0204                      |           |
| 2.5     |          | m0205     | s0205                      |           |
| 2.7     |          | m0207     | s0207                      |           |
| 2.8     |          | m0208     | s0208                      |           |
| 2.11d   |          | m0211d    | s0211d                     |           |
| 2.12d   |          | m0212d    | s0212d                     |           |
| 2.18a   |          | m0218a    |                            |           |
| 2.18d,e |          | m0218e    | s0218d                     |           |
| 2.20a,b |          | m0220b    | s0220a                     |           |
| 2.21a   |          | m0221a    |                            |           |
| 2.21c,d |          | m0221d    | s0221c                     |           |
| 2.24    |          | m0224     | s0224                      |           |
| 2.25    |          | m0225     | s0225                      |           |
| 2.27    |          | m0227     | s0227                      | CS        |
| 2.28    |          | m0228     |                            | CS        |
| 2.32    |          | m0232     | s0232                      | CS        |
| 2.51    |          | m0251     |                            | CS        |
| 2.52    |          | m0252     |                            | CS        |
| 2.56    |          | m0256     |                            | CS        |
| 2.58    |          | m0258     |                            | CS        |
| 2.59    |          | m0259     |                            | CS        |
| 2.61    |          | m0261     |                            | CS        |
| 2.62    |          | m0262     |                            | CS        |
| 3.4     |          | m0304     | s0304                      | CS        |
| 3.5     |          | m0305     | s0305                      | CS        |
| 3.6     |          | m0306     | s0306                      | CS        |
| 3.10    |          | m0310     | s0310                      | CS        |
| 3.11    |          | m0311     | s0311                      | CS        |
| 3.12b   |          | m0312b    | s0312b                     | CS        |
| 3.13    |          | m0313     | s0313                      | CS        |
| 3.14    |          | m0314     | s0314                      | CS        |
| 3.19    |          | m0319     | s0319                      | CS        |
| 3.20    |          | m0320     | s0320                      | CS        |
| 3.22    |          | m0322     | s0322                      | CS        |
| 3.26    |          | m0326     | s0326                      | CS        |
|         | 4.4      | m404Bsp   | s404Bsp                    | CS        |
|         | 4.5      | m405Bsp   | s405Bsp                    | CS        |
| 4.7     |          | m0407     | s0407                      | CS        |
|         |          | m0407_IT1 | s0407                      | CS        |
| 4.8     |          | m0408     | s0408                      | CS        |
| 4.10    |          | m0410     | s0410                      | CS        |
| 4.12    |          | m0412     | s0412                      | CS        |
| 4.13    |          | m0413     | s0413                      | CS        |
| 4.14    |          | m0414     | s0414                      | CS        |

|         |  |               |                                    |                          |
|---------|--|---------------|------------------------------------|--------------------------|
|         |  | m0414_IT1     | s0414                              | CS                       |
| 4.15    |  | m0415         | s0415                              | CS                       |
|         |  | m0415_R       | s0415_R                            | CS                       |
| 4.16    |  | m0416         | s0416                              | CS                       |
| 4.17    |  | m0417         | s0417                              | CS                       |
|         |  | m0417_IT1     | s0417                              | CS                       |
| 4.18    |  | m0418         | s0418                              | CS                       |
| 4.19    |  | m0419         | s0419                              | CS                       |
|         |  | m0419_IT1     | s0419                              | CS                       |
| 4.25    |  | m0425         | s0425                              | CS                       |
| 4.26    |  | m0426         | s0426                              | CS                       |
| 4.27    |  | m0427         | s0427                              | CS                       |
| 4.31    |  | m0431         | s0431                              | CS                       |
| 4.32    |  | m0432         | s0432                              | CS                       |
| 4.33    |  | m0433         | s0433                              | CS                       |
| 4.35    |  | m0435         | s0435                              | CS                       |
|         |  |               |                                    |                          |
| 5.2     |  | m0502         | s0502                              |                          |
| 5.4     |  | m0504         |                                    | CS                       |
| 5.5a    |  | m0505a        |                                    | CS                       |
| 5.9     |  | m0509         |                                    | CS                       |
| 5.11    |  | m0511         |                                    | CS                       |
| 5.12    |  | m0512         |                                    | CS                       |
| 5.13    |  | m0513         |                                    | CS                       |
| 5.20    |  | m0520         | s0520                              | CS                       |
| 5.21    |  | m0521         |                                    | CS                       |
| 5.24    |  | m0524         | s0524                              | CS                       |
| 5.26    |  | m0526         | s0526                              | CS                       |
| 5.27    |  | m0527         | s0527                              | s0527_optim.mat, CS, SRO |
|         |  |               |                                    |                          |
| 6.5     |  | m0605         |                                    | CS                       |
| 6.13b   |  | m0613         | s0613                              |                          |
| 6.14    |  | m0614         | s0614                              |                          |
|         |  |               |                                    |                          |
| 7.6     |  | m0706         | s0706_1, s0706_2, s0706_3, s0706_4 | CS                       |
| 7.7     |  | m0707         | s0706_1, s0706_2, s0706_3, s0706_4 | CS                       |
| 7.8     |  | m0708         | s0706_1, s0706_2, s0706_3, s0706_4 | CS                       |
| 7.9     |  | m0709         | s0706_1, s0706_2, s0706_3, s0706_4 | CS                       |
|         |  |               |                                    |                          |
| 8.2     |  | m0802         |                                    |                          |
| 8.3     |  | m0803         |                                    |                          |
| 8.4     |  | m0804         |                                    |                          |
| 8.9     |  | m0809         | s0809                              |                          |
| 8.11    |  | m0811         | s0811                              | CS                       |
|         |  |               |                                    |                          |
| 9.5     |  | m0905         | s0905                              | CS                       |
| 9.6     |  | m0906         | s0906_1, s0906_2, s0906_3          | CS                       |
| 9.7     |  | m0907         | s0906_1, s0906_2, s0906_3          | CS                       |
|         |  |               |                                    |                          |
| 10.16   |  | m1016         |                                    | CS, FL                   |
| 10.17   |  | m1017         |                                    | CS, FL                   |
| 10.18   |  | m1018         |                                    | CS, FL                   |
| 10.19a  |  |               | s1019a                             | CS, FL                   |
| 10.19bc |  | m1019         | s1019a                             | CS, FL                   |
| 10.21   |  | m1021         |                                    | CS, FL                   |
|         |  |               |                                    |                          |
|         |  | uebergangsfkt |                                    |                          |
|         |  | ueber-        |                                    |                          |
|         |  | gangsfkt_func |                                    |                          |
| A.1.2b  |  |               | sa102b                             |                          |
| A.1.3   |  | ma103         | sa103                              |                          |
| A.1.3   |  | ma103_func    | sa103                              |                          |

|       |  |       |  |    |
|-------|--|-------|--|----|
| A.5.1 |  | ma501 |  | CS |
| A.5.2 |  | ma502 |  | CS |
| A.5.3 |  | ma503 |  | CS |