

MATLAB file document

JiaMinglin

2018 年 3 月 26 日

目录

1	Body.m	2
1.1	Class:Body	2
2	main.m	2
3	Profiles.m	2
3.1	Class:Profiles	2
4	Segment.m	2
4.1	Class Segment	2
5	SegProfile	2
5.1	Class SegProfile	2

1 Body.m

1.1 Class:Body

properties

methods `obj=Body()`, `addSegment()`, `initialize`, `setCondition`, `Calculation`, `showBasicProperties`, `s`

2 main.m

- add Segments
- set condition
- Calculation

3 Profiles.m

3.1 Class:Profiles

methods `am=Arm()`, `bk=Back()`, `chst=Chest()`, `ft=Foot()`, `hand=Hand()`, `hd=Head()`, `lg=Leg()`, `pvs=Pelvi`

4 Segment.m

4.1 Class Segment

methods `obj=Segment(Profile, Name)`, `setCon(obj, Ta, Tr, Pa, v, Clo, Q_{Act})`, `[dT, Qbld] = CaldT(obj, Swt, Chi, Dl, St, Qres, Tblp)`, `sig = setT(obj, T)`, `initialize(obj)`

5 SegProfile

5.1 Class SegProfile

methods `obj=SegProfile(C, Cd, Qb, BFB, Tset, SKINR, SKINS, SKINV, SKINC, Chilf, Metf, ADu, hc, hr, Cres,`