

Dependency Analyzer Report

Report generated 11-Nov-2022 17:33:30

Files 15

Dependencies 50

Project Optimisation_CW

Root /Users/carlosperello/MATLAB/Projects/Optimisation_CW

Files

File	Type	Problems
additional_bounds.m	Function	
additional_bounds_gradient.m	Function	
backtracking.m	Function	
constant_descent.m	Function	
genA.m	Function	
genb.m	Function	
get_x.m	Function	
L_eps_norm.m	Function	
L_eps_norm_gradient.m	Function	
L_eps_regularised.m	Function	
L_eps_regularised_gradient.m	Function	
Q2_ii.mlx	Live Script	
Q2_iii.mlx	Live Script	
Q2_iv.mlx	Live Script	
u_RLS.m	Function	

Products

- MATLAB

[additional_bounds.m](#)

Path \$/additional_bounds.m
Type Function

Last modified 10-Nov-2022 22:23:01
Size (bytes) 186

Impacted Files

File	Impacted	Required	Dependency Type
Q2_iii.mlx	Line 10	additional_bounds	Function Call

Required Files

File	Impacted	Required	Dependency Type
genA.m	Line 2	genA	Function Call
genb.m	Line 3	genb	Function Call

Required Products

Product	Impacted	Dependency Type
MATLAB	additional_bounds	Toolbox

[additional_bounds_gradient.m](#)

Path \$/additional_bounds_gradient.m
Type Function
Last modified 10-Nov-2022 22:44:41
Size (bytes) 206

Impacted Files

File	Impacted	Required	Dependency Type
Q2_iii.mlx	Line 11	additional_bounds_gradient	Function Call

Required Files

File	Impacted	Required	Dependency Type
genA.m	Line 2	genA	Function Call
genb.m	Line 3	genb	Function Call

Required Products

Product	Impacted	Dependency Type
MATLAB	additional_bounds_gradient	Toolbox

[backtracking.m](#)

Path \$/backtracking.m
Type Function
Last modified 11-Nov-2022 17:04:48
Size (bytes) 281

Impacted Files

File	Impacted	Required	Dependency Type
Q2_iv.mlx	Line 11	backtracking	Function Call
Q2_iv.mlx	Line 24	backtracking	Function Call

Required Products

Product	Impacted	Dependency Type
MATLAB	backtracking	Toolbox

[constant_descent.m](#)

Path \$/constant_descent.m
Type Function
Last modified 10-Nov-2022 22:48:11
Size (bytes) 266

Impacted Files

File	Impacted	Required	Dependency Type
Q2_iii.mlx	Line 12	constant_descent	Function Call

Required Products

Product	Impacted	Dependency Type
MATLAB	constant_descent	Toolbox

[genA.m](#)

Path \$/genA.m
Type Function
Last modified 10-Nov-2022 19:29:01
Size (bytes) 85

Impacted Files

File	Impacted	Required	Dependency Type
L_eps_regularised.m	Line 4	genA	Function Call
L_eps_regularised_gradient.m	Line 4	genA	Function Call
Q2 ii.mlx	Line 7	genA	Function Call
Q2 iii.mlx	Line 13	genA	Function Call
Q2 iv.mlx	Line 12	genA	Function Call
Q2 iv.mlx	Line 25	genA	Function Call
additional_bounds.m	Line 2	genA	Function Call
additional_bounds_gradient.m	Line 2	genA	Function Call
u_RLS.m	Line 2	genA	Function Call

Required Products

Product	Impacted	Dependency Type
MATLAB	genA	Toolbox

[genb.m](#)

Path \$/genb.m
Type Function
Last modified 10-Nov-2022 19:53:29
Size (bytes) 60

Impacted Files

File	Impacted	Required	Dependency Type
L_eps_regularised.m	Line 5	genb	Function Call
L_eps_regularised_gradient.m	Line 5	genb	Function Call
Q2_ii.mlx	Line 8	genb	Function Call
Q2_iii.mlx	Line 14	genb	Function Call
Q2_iv.mlx	Line 13	genb	Function Call
Q2_iv.mlx	Line 26	genb	Function Call
additional_bounds.m	Line 3	genb	Function Call
additional_bounds_gradient.m	Line 3	genb	Function Call
u_RLS.m	Line 3	genb	Function Call

Required Products

Product	Impacted	Dependency Type
MATLAB	genb	Toolbox

[get_x.m](#)

Path \$/get_x.m
Type Function
Last modified 10-Nov-2022 19:59:01
Size (bytes) 48

Impacted Files

File	Impacted	Required	Dependency Type
L_eps_regularised.m	Line 6	get_x	Function Call
Q2_ii.mlx	Line 12	get_x	Function Call
Q2_iii.mlx	Line 15	get_x	Function Call
Q2_iv.mlx	Line 14	get_x	Function Call
Q2_iv.mlx	Line 27	get_x	Function Call

Required Products

Product	Impacted	Dependency Type
MATLAB	get_x	Toolbox

[L_eps_norm.m](#)

Path \$/L_eps_norm.m
Type Function
Last modified 10-Nov-2022 23:07:21
Size (bytes) 250

Impacted Files

File	Impacted	Required	Dependency Type
L_eps_regularised.m	Line 7	L_eps_norm	Function Call

Required Products

Product	Impacted	Dependency Type
MATLAB	L_eps_norm	Toolbox

[L_eps_norm_gradient.m](#)

Path \$/L_eps_norm_gradient.m
Type Function
Last modified 11-Nov-2022 17:04:41
Size (bytes) 208

Impacted Files

File	Impacted	Required	Dependency Type
L_eps_regularised_gradient.m	Line 6	L_eps_norm_gradient	Function Call

Required Products

Product	Impacted	Dependency Type
MATLAB	L_eps_norm_gradient	Toolbox

[L_eps_regularised.m](#)

Path \$/L_eps_regularised.m
Type Function
Last modified 10-Nov-2022 23:16:34
Size (bytes) 282

Impacted Files

File	Impacted	Required	Dependency Type
Q2_iv.mlx	Line 10	L_eps_regularised	Function Call
Q2_iv.mlx	Line 23	L_eps_regularised	Function Call

Required Files

File	Impacted	Required	Dependency Type
L_eps_norm.m	Line 7	L_eps_norm	Function Call
genA.m	Line 4	genA	Function Call
genb.m	Line 5	genb	Function Call
get_x.m	Line 6	get_x	Function Call

Required Products

Product	Impacted	Dependency Type
MATLAB	L_eps_regularised	Toolbox

[L_eps_regularised_gradient.m](#)

Path \$/L_eps_regularised_gradient.m
Type Function
Last modified 10-Nov-2022 23:16:41
Size (bytes) 296

Impacted Files

File	Impacted	Required	Dependency Type
Q2_iv.mlx	Line 22	L_eps_regularised_gradient	Function Call
Q2_iv.mlx	Line 9	L_eps_regularised_gradient	Function Call

Required Files

File	Impacted	Required	Dependency Type
L_eps_norm_gradient.m	Line 6	L_eps_norm_gradient	Function Call
genA.m	Line 4	genA	Function Call
genb.m	Line 5	genb	Function Call

Required Products

Product	Impacted	Dependency Type
MATLAB	L_eps_regularised_gradient	Toolbox

[Q2_ii.mlx](#)

Path \$/Q2_ii.mlx
Type Live Script
Last modified 11-Nov-2022 15:59:37
Size (bytes) 91051

Required Files

File	Impacted	Required	Dependency Type
genA.m	Line 7	genA	Function Call
genb.m	Line 8	genb	Function Call
get_x.m	Line 12	get_x	Function Call
u_RLS.m	Line 10	u_RLS	Function Call

Required Products

Product	Impacted	Dependency Type
MATLAB	Q2_ii	Toolbox

[Q2 iii.mlx](#)

Path \$/Q2_iii.mlx
Type Live Script
Last modified 11-Nov-2022 15:59:44
Size (bytes) 67642

Required Files

File	Impacted	Required	Dependency Type
additional_bounds.m	Line 10	additional_bounds	Function Call
additional_bounds_gradient.m	Line 11	additional_bounds_gradient	Function Call
constant_descent.m	Line 12	constant_descent	Function Call
genA.m	Line 13	genA	Function Call
genb.m	Line 14	genb	Function Call
get_x.m	Line 15	get_x	Function Call

Required Products

Product	Impacted	Dependency Type
MATLAB	Q2_iii	Toolbox

[Q2 iv.mlx](#)

Path \$/Q2_iv.mlx
Type Live Script
Last modified 11-Nov-2022 17:09:18
Size (bytes) 68962

Required Files

File	Impacted	Required	Dependency Type
L_eps_regularised.m	Line 10	L_eps_regularised	Function Call
L_eps_regularised.m	Line 23	L_eps_regularised	Function Call
L_eps_regularised_gradient.m	Line 22	L_eps_regularised_gradient	Function Call
L_eps_regularised_gradient.m	Line 9	L_eps_regularised_gradient	Function Call
backtracking.m	Line 11	backtracking	Function Call
backtracking.m	Line 24	backtracking	Function Call
genA.m	Line 12	genA	Function Call
genA.m	Line 25	genA	Function Call
genb.m	Line 13	genb	Function Call
genb.m	Line 26	genb	Function Call
get_x.m	Line 14	get_x	Function Call
get_x.m	Line 27	get_x	Function Call

Required Products

Product	Impacted	Dependency Type
MATLAB	Q2_iv	Toolbox

[u_RLS.m](#)

Path \$/u_RLS.m
Type Function
Last modified 11-Nov-2022 15:46:46
Size (bytes) 141

Impacted Files

File	Impacted	Required	Dependency Type
Q2_ii.mlx	Line 10	u_RLS	Function Call

Required Files

File	Impacted	Required	Dependency Type
genA.m	Line 2	genA	Function Call
genb.m	Line 3	genb	Function Call

Required Products

Product	Impacted	Dependency Type
MATLAB	u_RLS	Toolbox