List of C Programs

FD1D_1.1.c	One-dimensional free space 13
FD1D_1.2.c	Boundary conditions added 15
FD1D_1.3.c	Dielectric medium added 16
FD1D_1.4.c	Sinusoidal source 17
FD1D_1.5.c	Lossy dielectric medium 18
FD1D_2.1.c	Flux density formulation 36
FD1D_2.2.c	Fourier Transform added 39
FD1D_2.3.c	Frequency dependent material 43
FD2D_3.1.c	Two-dimensional free space 64
FD2D_3.2.c	PML added 67
FD2D_3.3.c	Plane wave source 72
FD2D_3.4.c	Scattering from a cylinder 75
FD3D_4.1.c	Three-dimensional free space 90
FD3D_4.2.c	Plane wave and PML 94
FD3D_patch.c	Patch antenna simulation 122
FD3D_far_field.c	Aperture antenna simulation 131
US1.c	One-dimensional acoustic 141
SE.c	One-dimensional Schroedinger 14