

```
% defaults
OPT = struct(...
    'stochast', struct(),... % stochast structure
    'x2zFunction', @x2z,... % Function to transform x to z
    'x2zVariables', {{{}},... % additional variables to use in x2zFunction
    'method', 'matrix',... % z-function method 'matrix' (default) or 'loop'
    'maxiter', 50,... % maximum number of iterations
    'DerivativeSides', 1,... % 1 or 2 sided derivatives
    'startU', 0,... % start value for elements of u-vector
    'du', .3,... % step size for dz/du / Perturbation Value
    'epsZ', .01,... % stop criteria for change in z-value
    'maxdZ', 0.1,... % second stop criterion for change in z-value
    'epsBeta', .01,... % stop criteria for change in Beta-value
    'Relaxation', .25,... % Relaxation value
    'dudistfactor', 0,... % power factor to apply different du to each variable based on the response
    'logconvergence', '' ... % optionally specify file here to log convergence status
);
```