

```
% 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'
    'NrSamples',    1e2,           ...    % number of samples
    'IS',           struct(),      ...    % sampling structure
    'P2xFunction',  @P2x,          ...    % function to transform P to x
    'seed',         NaN,           ...    % seed for random generator
    'result',       struct(),      ...    % input existing result structure to re-calculate existing samples
```