```
%Unfold the params vector
DELTA = params.DELTA;
BETTA = params.BETTA;
B     = params.B;
ETAl  = params.ETAl;
ETAc  = params.ETAc;
THETA = params.THETA;
ALFA  = params.ALFA;
RHOA  = params.RHOA;
RHOD  = params.RHOD;
STDA  = params.STDA;
STDD  = params.STDD;

% The eta matrix: nx*ne
eta      = zeros(nx,ne);
eta(3,1) = STDA;
eta(4,2) = STDD;

% The higher order moments
% M.M2 is the expected value of kron(eps,eps).
% M.M3 is the expected value of kron(eps,eps,eps) and so on.
% Here I assume that the shock is standard normal.
% M.M2=1; M.M3=0; M.M4=3; M.M5=0;
% If the shocks are independent standard normal you can use the
command:
momEps =gaussian_moments(ne);
```