

```
function prices = svensson_price(params, bonds)

[b0 b1 b2 b3 t1 t2] = ...
    deal(params(1), params(2), params(3), params(4), params(5), params(6));

prices = zeros(size(bonds));

for i = 1 : length(bonds)

    pmts = bonds(i).pmts;
    pmtYrs = bonds(i).pmtYrs;

    % Compute the integral of the forward rate curve.

    tmp1 = exp(-pmtYrs/t1);
    tmp2 = exp(-pmtYrs/t2);

    pyld = b0 * pmtYrs + ...
        - (b2 * pmtYrs + (b1 + b2) * t1) .* tmp1 ...
        - b3 * (pmtYrs + t2) .* tmp2 + ...
        + (b1 + b2) * t1 + b3 * t2;

    tmp3 = pmts .* exp(-pyld);

    prices(i) = sum(tmp3);

end
```