```
W[MM_] /; Dimensions[MM] == {4, 4} :=
  Block[{Q, RR, TT, tt, W, V, QI, x, y, z}, TT = Im[MM];
   RR = Re[MM];
   {tt, W} = Eigensystem[TT];
   RR = W.RR.Transpose[W];
   V = {x, y, z};
   Q = Append[2 V, (1 - V.V)] / (1 + V.V);
   QI = Simplify[(Q^2).tt];
   4 / Pi^2 NIntegrate[Exp[I Q.RR.Q - QI] Boole[Numerator[QI] > 0] / (1 + V.V)^3,
     {x, -Infinity, Infinity}, {y, -Infinity, Infinity}, {z, -Infinity, Infinity}]
  ];
```