

```
In[•]:= W[R_] /; Dimensions[R] == {4} :=  
  Block[{sing},  
    NIntegrate[Exp[I x] / Sqrt[Times @@ (x - R)] / (2 Pi),  
      {x, -Infinity, Infinity},  
      PrecisionGoal → 10, WorkingPrecision → 16, AccuracyGoal → 10,  
      Method → "GaussKronrodRule", MaxRecursion → 30]  
  ] // Quiet;
```