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>> % Example 4.18
>> prob=Ex_4_18;
>> % compute tau^primal_2
>> RPMIOsolve_primal(prob,2);
the primal optimal value f^primal_k at order k=2 is 2.7535
the rank condition is satisfied at t=1 with rank being 2
the global optimality is numerically certified
the minimizer S^(k,*) admits a representing measure
there are 2 atoms in the extracted measure:
the 1-th atom is:
    1.3042
   -1.4492

with the 1-th weight being
    0.2500    0.2500
    0.2500    0.2500

the 2-th atom is:
   -1.3042
    1.4492

with the 2-th weight being
    0.2500   -0.2500
   -0.2500    0.2500

>>
```