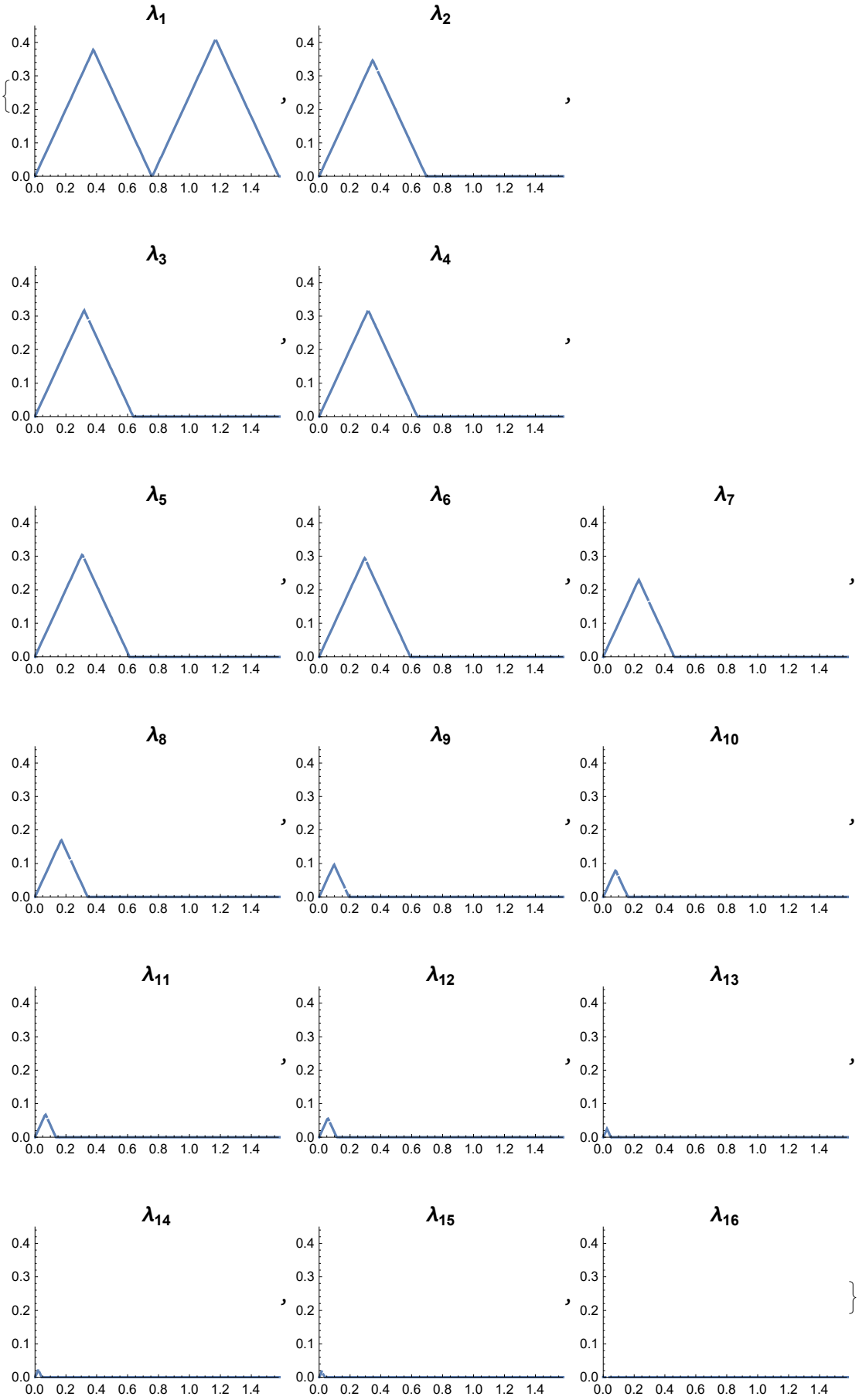
In[1]:=
```
Λ[t_, b_, d_] := Max[{0, Min[{t - b, d - t}]}]
λ[t_, k_, bd_] := Module[{l = {}, i = 1},
  For[i = 1, i ≤ Length[bd], i++, AppendTo[l, Λ[t, bd[[i]][[1]], bd[[i]][[2]]]]];
  Return[Sort[l, (#1 > #2) &][[k]]]]
```

In[3]:=
```
bd = {{0.7596, 1.5781}, {0.0000, 0.7571}, {0.0000, 0.6946}, {0.0000, 0.6360},
  {0.0000, 0.6357}, {0.0000, 0.6119}, {0.0000, 0.5906}, {0.0000, 0.4604},
  {0.0000, 0.3413}, {0.0000, 0.1942}, {0.0000, 0.1603}, {0.0000, 0.1360},
  {0.0000, 0.1140}, {0.0000, 0.0500}, {0.0000, 0.0447}, {0.0000, 0.0361}}
```

Out[3]=
```
{{0.7596, 1.5781}, {0., 0.7571}, {0., 0.6946}, {0., 0.636}, {0., 0.6357},
 {0., 0.6119}, {0., 0.5906}, {0., 0.4604}, {0., 0.3413}, {0., 0.1942},
 {0., 0.1603}, {0., 0.136}, {0., 0.114}, {0., 0.05}, {0., 0.0447}, {0., 0.0361}}
```

In[4]:=
```
Table[Plot[λ[k, i, bd], {k, 0, Length[bd]},
  PlotRange → {{Min[bd], Max[bd]}, {0, 0.45}}, ImageSize → Small,
  PlotLabel → Style[StringForm["λ``", i], FontSize → 14, FontWeight → Bold]], {i,
  1, Length[bd]}]
```

Out[4]=


λ1
λ2
λ3
λ4
λ5
λ6
λ7
λ8
λ9
λ10
λ11
λ12
λ13
λ14
λ15
λ16
0.0 0.1 0.2 0.3 0.4
0.0 0.2 0.4 0.6 0.8 1.0 1.2 1.4

In[5]:=
```
functions = Table[λ[k, i, bd], {i, 1, Length[bd]}];
legends = Table[StringForm["λ``", i], {i, 1, Length[bd]}];
```

In[7]:=
```
r = Plot[functions, {k, Min[bd], Max[bd]},
  PlotRange → {{Min[bd], Max[bd]}, {0, 0.45}},
  PlotStyle → Blue, ImageSize → Large, PlotLabel → "Landscape"]
```

Out[7]=