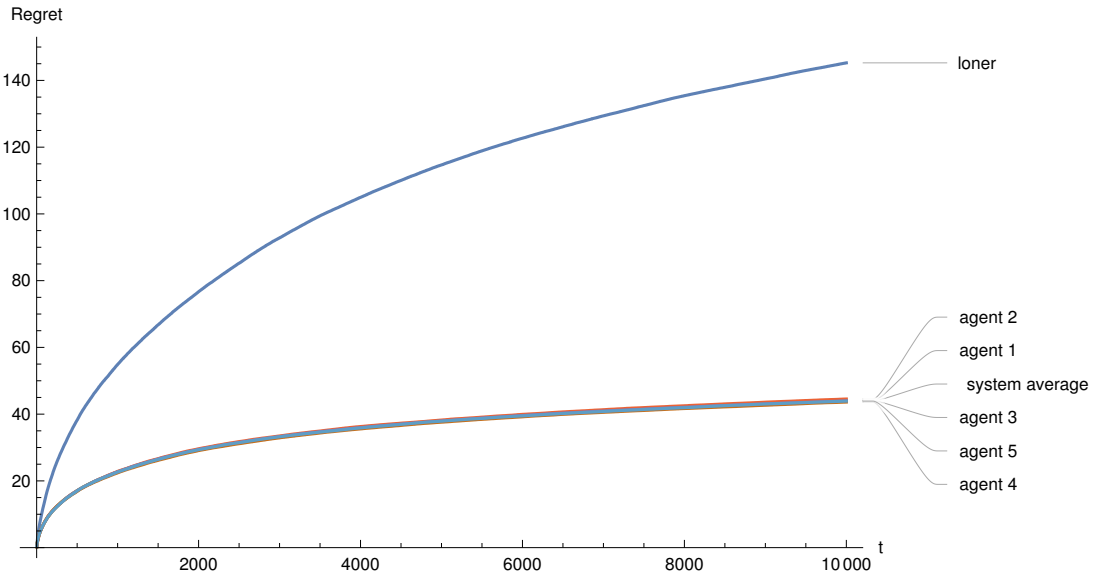
In[68]:=
```
(*シミュレーション結果を可視化する*)
AppendTo[$Path,
 "/home/motchy/Dropbox/home/individual/motchy/data/hobby/computer/programming/
   languages/Mathematica/lib/"];
Import["motchyMath`"]
filePath = SystemDialogInput["FileOpen", ".json"]
json = Import[filePath, "RawJSON"];
Nagent = json["N"];
T = json["T"];
Print[
 "environment = ", json["environment name"], "\n",
 "prior name = ", json["prior name"], "\n",
 "graph name = ", json["graph name"], "\n",
 "K : ", json["K"], "\n",
 "N : ", Nagent, "\n",
 "T : ", json["T"], "\n",
 "Tc : ", json["Tc"], "\n",
 "rep : ", json["repetition number"]
]
list = {Labeled[json["regret"]["loner"], "loner"],
   Labeled[json["regret"]["system average"], "system average"]};
For[i = 1, i ≤ Nagent, ++i, AppendTo[list,
  Labeled[json["regret"][ToString[i]], "agent " <> ToString[i]]]]
ListLinePlot[list, PlotRange → All, AxesLabel → {"t", "Regret"}, ImageSize → Large]
Print["R(sysAvg,T) = ", json["regret"]["system average"][[T]],
 ", R(loner,T) = ", json["regret"]["loner"][[T]]]
Print["R(sysAvg,T)/R(loner,T) = ",
 json["regret"]["system average"][[T]] / json["regret"]["loner"][[T]]]
```

Out[70]=
```
/home/motchy/Dropbox/home/individual/motchy/data/univ/lab/open/B4/research/
  graduation-thesis/github/Workspace/Distributed-Thompson-sampling/simulation/
  algorithms/Type2/results/K5_uniform_prior_T10k.json
```

```
environment = env1
prior name = prior1
graph name = K5
K : 10
N : 5
T : 10 000
Tc : 1
rep : 100
```

Out[77]=




```
R(sysAvg,T) = 44.0134, R(loner,T) = 145.258
R(sysAvg,T)/R(loner,T) = 0.303001
```