[00054]

```
1: procedure CONV_AB(a, b)
2:     c ← (60 × 1) zero vector
3:     for h ← 1, 60 do
4:         h^-1 ← invA5(h)
5:         for g ← 1, 60 do
6:             k ← opA5(g, h^-1)
7:             c(g) ← c(g) + a(k) · b(h)
8:         end for
9:     end for
10:    return c
11: end procedure
```

[00055] Table 2:

[00056] Decision tree algorithm:

```
INPUT: S, where S = set of classified instances
OUTPUT: Decision Tree
Require: S ≠ ∅, num_attributes > 0
 1: procedure BUILDTREE
 2:     repeat
 3:         maxGain ← 0
 4:         splitA ← null
 5:         e ← Entropy(Attributes)
 6:         for all Attributes a in S do
 7:             gain ← InformationGain(a, e)
 8:             if gain > maxGain then
 9:                 maxGain ← gain
10:                 splitA ← a
11:             end if
12:         end for
13:         Partition(S, splitA)
14:     until all partitions processed
15: end procedure
```

[00057] In some embodiments, the platforms, systems, media, and methods described herein include a digital processing device, or use of the same type of device. In many embodiments, the digital processing device includes one or more hardware central processing units (CPUs) or general purpose graphics processing units (GPGPUs) that carry out the function of the device or devices. In some embodiments, the digital processing device further comprises an operating system