Figure 3.1

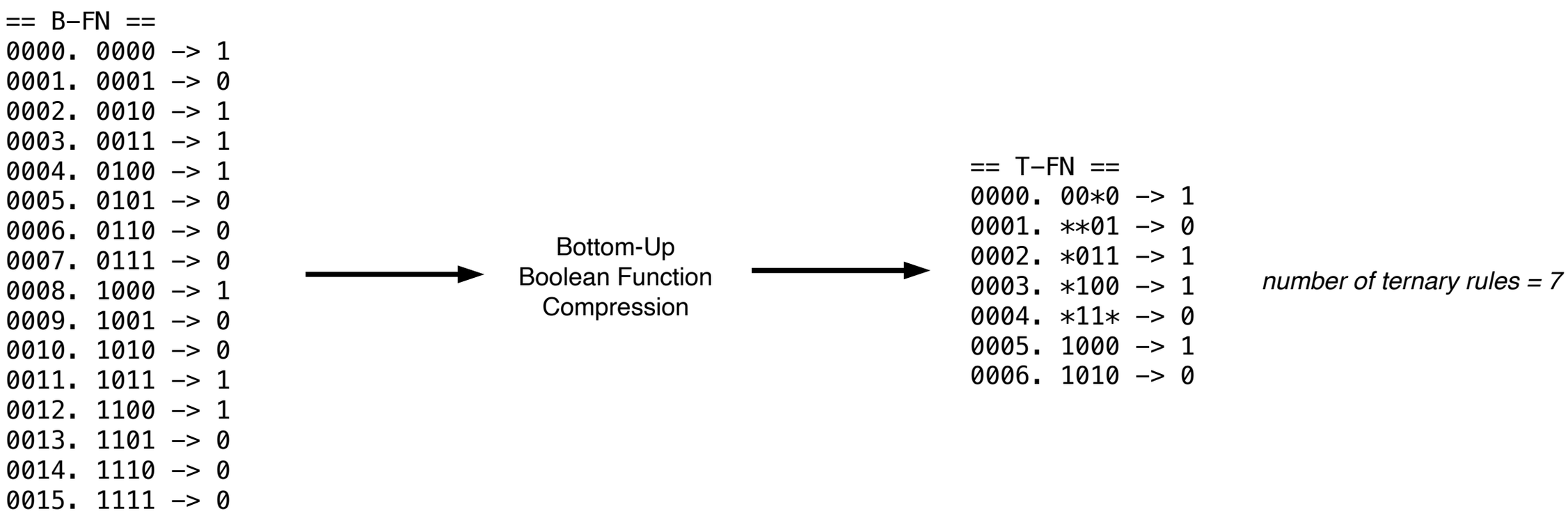


Figure 3.2

```
== B-FN ==
0000. 0000 -> 1
0001. 0001 -> 0
0002. 0010 -> 1
0003. 0011 -> 1
0004. 0100 -> 1
0005. 0101 -> 0
0006. 0110 -> 0
0007. 0111 -> 0
0008. 1000 -> 1
0009. 1001 -> 0
0010. 1010 -> 0
0011. 1011 -> 1
0012. 1100 -> 1
0013. 1101 -> 0
0014. 1110 -> 0
0015. 1111 -> 0

== T-Rule Search ==
0000. 000* -> 1
0000. 00*0 -> 1 ; FIRED!
0000. 00** -> 1
0000. 0**0 -> 1
0000. *0*0 -> 1

0001. 000* -> 0
0001. 00*1 -> 0
0001. 0*01 -> 0 ; FIRED!
0001. 0*0* -> 0
0001. 0**1 -> 0
0001. **01 -> 0 ; FIRED!
0001. **0* -> 0
0001. ***1 -> 0

0002. 001* -> 1
0002. 00*1 -> 1
0002. 0*11 -> 1
0002. *011 -> 1 ; FIRED!
0002. *01* -> 1
0002. *0*1 -> 1
0002. **11 -> 1

0003. 010* -> 1
0003. 01*0 -> 1
0003. 0*00 -> 1
0003. *100 -> 1 ; FIRED!
0003. *10* -> 1
0003. *1*0 -> 1
0003. **00 -> 1

0004. 011* -> 0 ; FIRED!
0004. 01** -> 0
0004. 0*1* -> 0
0004. *11* -> 0 ; FIRED!
0004. *1** -> 0
0004. **1* -> 0

0005. 100* -> 1
0005. 10*0 -> 1
0005. 1*00 -> 1
0005. *000 -> 1

0006. 101* -> 0
0006. 10*0 -> 0
0006. 1*10 -> 0
0006. *010 -> 0

== T-FN Found ==
0000. 00*0 -> 1
0001. **01 -> 0
0002. *011 -> 1
0003. *100 -> 1
0004. *11* -> 0
0005. 1000 -> 1
0006. 1010 -> 0

number of candidate t-rules generated = 41
```