```
1.    SatValue T-DPLL (T-formula φ, T-assignment & μ) {
2.       if (T-preprocess(φ, μ) == Conflict);
3.          return Unsat;
4.       φ^p = T2B(φ); μ^p = T2B(μ);
5.       while (1) {
6.          T-decide_next_branch(φ^p, μ^p);
7.          while (1) {
8.             status = T-deduce(φ^p, μ^p);
9.             if (status == Sat) {
10.               μ = B2T(μ^p);
11.               return Sat; }
12.            else if (status == Conflict) {
13.               blevel = T-analyze_conflict(φ^p, μ^p);
14.               if (blevel == 0)
15.                  return Unsat;
16.               else T-backtrack(blevel,φ^p, μ^p);
17.            }
18.            else break;
19.   } } }
```

Figure 8. An online schema of $\mathcal{T}$-DPLL based on modern DPLL.