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Article 1
[Preferential Ballot]

3 Each ballot shall contain a complete list of all qualified candidates.
4 Furthermore, each voter may write in *{number of write-in options}* additional
5 candidates. Each voter ranks these candidates in order of preference. The
6 individual voter may give the same preference to more than one candidate, he
7 may keep candidates unranked, and he may skip numbers. When a given
8 voter does not rank all candidates, then it is presumed that this voter strictly
9 prefers all ranked candidates to all not ranked candidates and that this voter is
10 indifferent between all not ranked candidates.

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Article 2
[Schulze Method]

13 Suppose $d[V,W]$ is the number of valid ballots on which candidate V is
14 strictly preferred to candidate W . Then the potential winners are determined
15 as follows:

16 A "path from candidate X to candidate Y of strength z " is a sequence
17 of candidates $C(1), \dots, C(n)$ with the following four properties:

- 18 1. $C(1)$ is identical to X .
- 19 2. $C(n)$ is identical to Y .
- 20 3. For all $i = 1, \dots, (n-1)$: $d[C(i), C(i+1)] > d[C(i+1), C(i)]$.
- 21 4. For all $i = 1, \dots, (n-1)$: $d[C(i), C(i+1)] \geq z$.

22 $p[A,B]$ is the maximum value such that there is a path from candidate
23 A to candidate B of that strength. If there is no path from candidate A
24 to candidate B at all, then $p[A,B] := 0$.

25 For all pairs of candidates D and E , $p[D,E]$ shall be calculated.
26 Candidate F is a "potential winner" if and only if $p[F,G] \geq p[G,F]$ for
27 every other candidate G .