

9. The computer-implemented method of claim 1 wherein differentiating the target value includes determining the position of the target value within the constructed set.

10. The computer-implemented method of claim 1 wherein differentiating the target value includes computing one or more armatures, each armature representing the position of the target value within the constructed set.

11. The computer-implemented method of claim 10 wherein:
the constructed set includes a first element and a last element; and
differentiating the target value includes:

10 computing a first armature representing the position of the target value relative to the first element of the constructed set; and

 computing a second armature representing the position of the target value relative to the last element of the constructed set.

12. The computer-implemented method of claim 11 wherein differentiating the target value further includes constructing a set of good candidates from the constructed set of values.

13. The computer-implemented method of claim 12 wherein constructing the set of good candidates from the constructed set of values includes:

20 calculating one or more characteristics for each of the one or more armatures;
and

 representing the set of good candidates using the one or more characteristics for each of the one or more armatures.

14. The computer-implemented method of claim 13 wherein calculating one or more characteristics for each of the one or more armatures includes calculating a senior most bit and a number of on bits for each of the one or more armatures.

15. The computer-implemented method of claim 12 wherein differentiating the target value further includes constructing a set of exact matches from the set of good candidates.