

CAUSAL NETWORK GENERATING SYSTEM AND CAUSAL RELATION DATA
STRUCTURE

ABSTRACT

5 A causal relationship is represented with a data
structure including target identification information for
identifying a target, index identification information of each
of indexes to be used for quantitatively describing an event
that occurs to the target, and causal relationship information
10 for each pair of two indexes selected from the indexes. The
causal relationship information includes direction
information representing which one of the two indexes is a cause
index and which one is an effect index, strength information
representing a causal strength between the cause index and the
15 effect index, time information representing a delay time for
propagation of an influence of the cause index to the effect
index, and correlation information representing a direction
of change in the effect index with respect to an increase or
decrease in the cause index.

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Fig. 4 accompanies the abstract.