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(54) Title: METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR POLYNOMIAL-BASED DATA TRANSFORMATION AND UTILIZATION

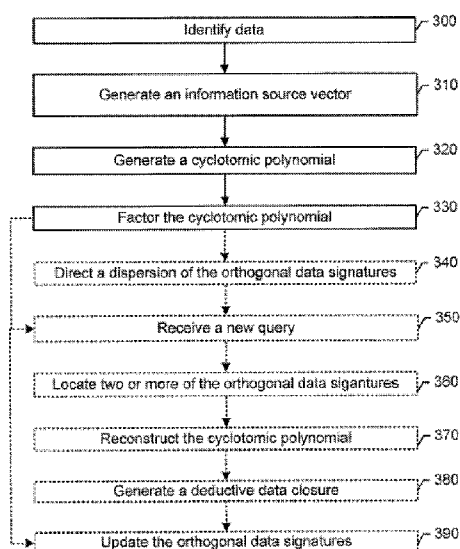


FIG. 3

(57) Abstract: An apparatus for polynomial based data transformation may include a processor. The processor may be configured to identify data that is relevant to a set of one or more queries and generate an information source vector that indicates information sources associated with the data. The processor may also be configured to generate a cyclotomic polynomial based on the information source vector and factor the cyclotomic polynomial to generate a plurality of orthogonal data signatures. Associated methods and computer program products may also be provided.