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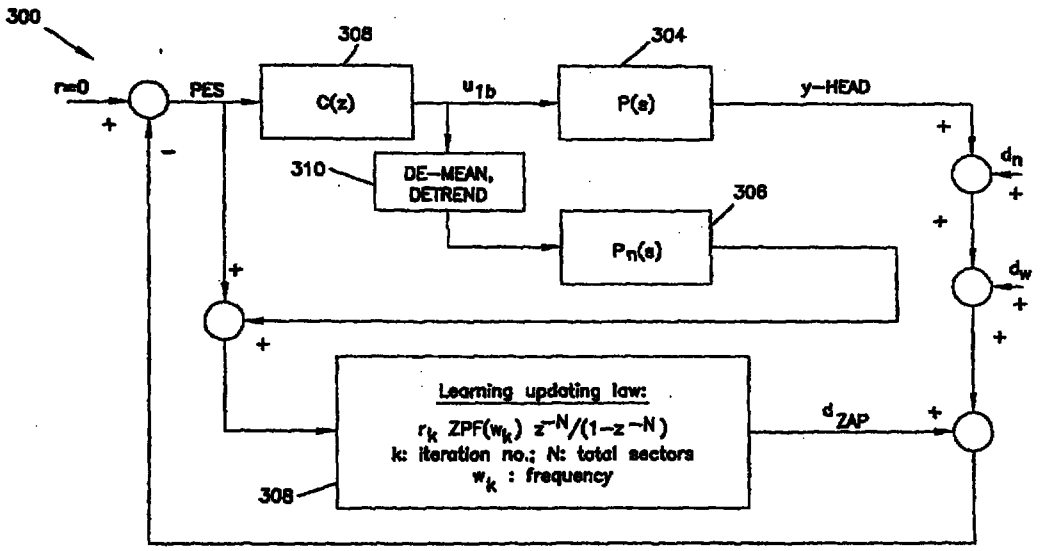
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(54) Title: REPEATABLE RUNOUT COMPENSATION USING A LEARNING ALGORITHM WITH SCHEDULED PARAMETERS




(57) Abstract: A method and apparatus for compensating for written-in repeatable runout in a disc drive (100) is provided. Compensation values are determined through an iterative learning process in which parameters of the learning process such as learning gain, servo loop gain, etc. are functions of the iteration number. The learning process also employs a nominal double integrator model of an actuator of the disc storage system (100). The learning process is also a function of a zero-phase low-pass filter.

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