

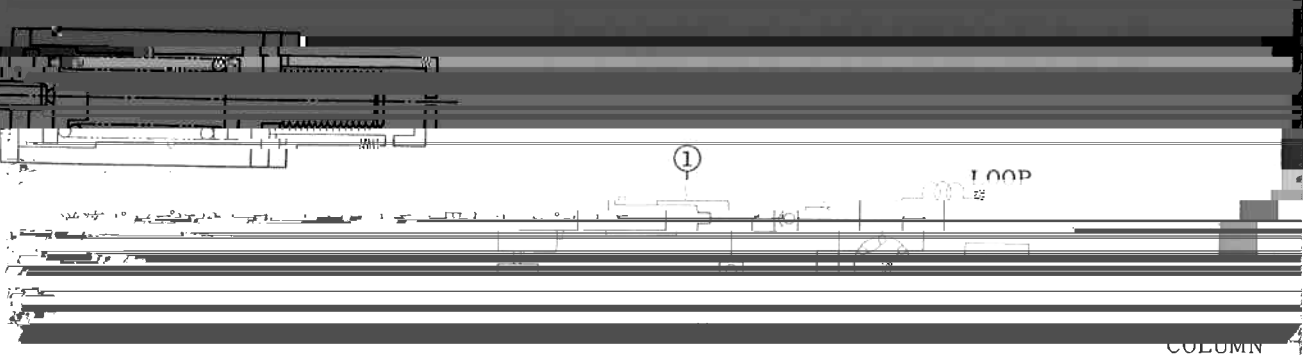
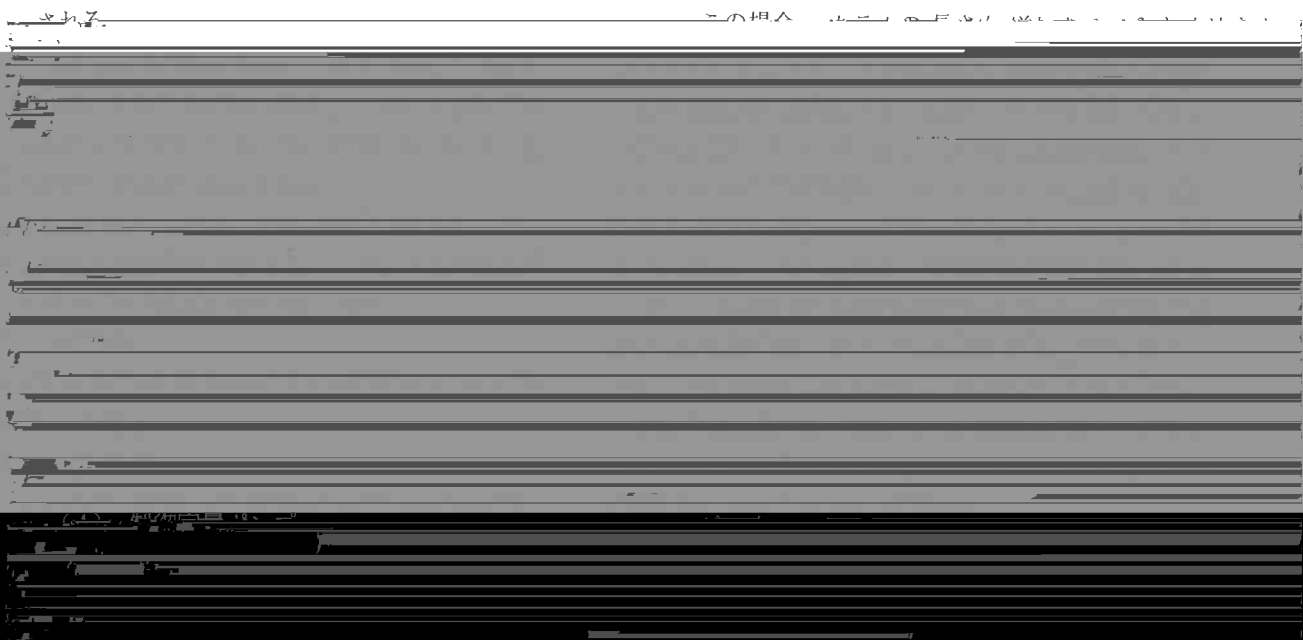
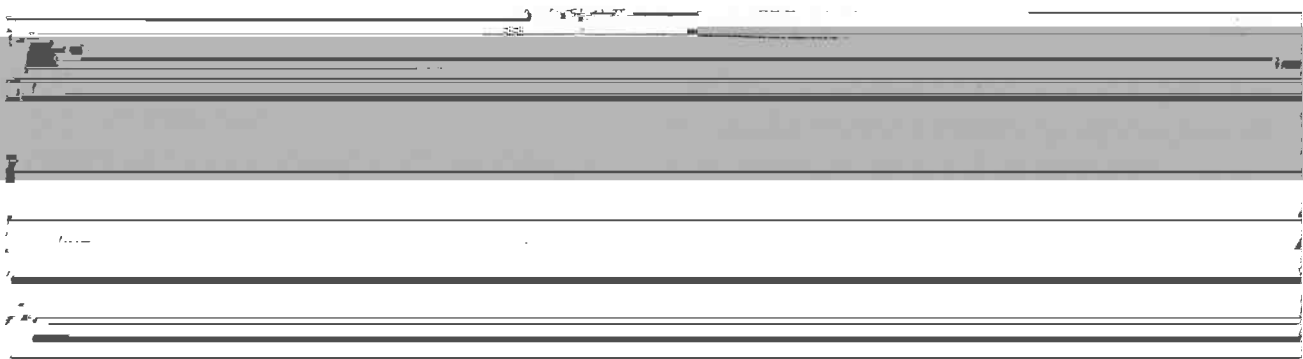
LINE FILTER

CONTROLLER

SYPHON

COLLECTOR





COLUMN

Fig. 4. Schematic diagram of the valve

1. The first part of the paper is devoted to a general discussion of the problem of the propagation of light in a medium with a periodic structure. It is shown that the wave equation for the electric field in such a medium can be written in the form of a set of coupled ordinary differential equations. The solutions of these equations are the Floquet modes, which are characterized by their wave vectors and their frequencies. The dispersion relations for these modes are derived, and it is shown that they exhibit a band structure similar to that of a crystal lattice.

2. In the second part of the paper, the theory of the diffraction of light by a periodic structure is developed. It is shown that the diffraction orders are determined by the wave vectors of the Floquet modes. The diffraction efficiency is calculated, and it is shown that it depends on the geometry of the structure and on the frequency of the incident light.

3. The third part of the paper is devoted to the study of the propagation of light in a periodic structure with a graded index. It is shown that the wave equation for the electric field in such a medium can be written in the form of a set of coupled ordinary differential equations. The solutions of these equations are the Floquet modes, which are characterized by their wave vectors and their frequencies.

4. In the fourth part of the paper, the theory of the diffraction of light by a periodic structure with a graded index is developed. It is shown that the diffraction orders are determined by the wave vectors of the Floquet modes. The diffraction efficiency is calculated, and it is shown that it depends on the geometry of the structure and on the frequency of the incident light.

5. The fifth part of the paper is devoted to the study of the propagation of light in a periodic structure with a graded index and a periodic structure. It is shown that the wave equation for the electric field in such a medium can be written in the form of a set of coupled ordinary differential equations. The solutions of these equations are the Floquet modes, which are characterized by their wave vectors and their frequencies.

6. In the sixth part of the paper, the theory of the diffraction of light by a periodic structure with a graded index and a periodic structure is developed. It is shown that the diffraction orders are determined by the wave vectors of the Floquet modes. The diffraction efficiency is calculated, and it is shown that it depends on the geometry of the structure and on the frequency of the incident light.

7. The seventh part of the paper is devoted to the study of the propagation of light in a periodic structure with a graded index and a periodic structure. It is shown that the wave equation for the electric field in such a medium can be written in the form of a set of coupled ordinary differential equations. The solutions of these equations are the Floquet modes, which are characterized by their wave vectors and their frequencies.

8. In the eighth part of the paper, the theory of the diffraction of light by a periodic structure with a graded index and a periodic structure is developed. It is shown that the diffraction orders are determined by the wave vectors of the Floquet modes. The diffraction efficiency is calculated, and it is shown that it depends on the geometry of the structure and on the frequency of the incident light.

9. The ninth part of the paper is devoted to the study of the propagation of light in a periodic structure with a graded index and a periodic structure. It is shown that the wave equation for the electric field in such a medium can be written in the form of a set of coupled ordinary differential equations. The solutions of these equations are the Floquet modes, which are characterized by their wave vectors and their frequencies.

10. In the tenth part of the paper, the theory of the diffraction of light by a periodic structure with a graded index and a periodic structure is developed. It is shown that the diffraction orders are determined by the wave vectors of the Floquet modes. The diffraction efficiency is calculated, and it is shown that it depends on the geometry of the structure and on the frequency of the incident light.

CYLINDRICAL DETECTOR

DETECTOR

WATER

LENS

Fig. 7 Schematic Diagram of Cylindrical Detector

RAM 1K

4K

の排斥 コラリシ...

之以両心判別は自動的...

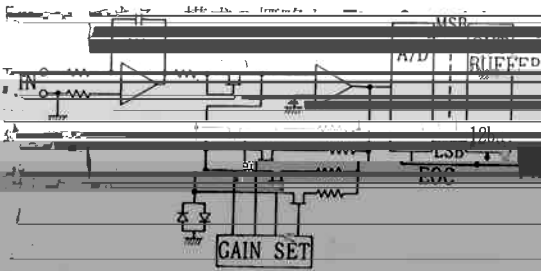


Fig. 9 Schematic diagram of the A/D





KEY IN

DATA INPUT

[The page contains approximately 25 lines of text that has been almost entirely obscured by heavy horizontal black redaction bars. Only a few faint characters are visible, including the number '16' on the left margin and some illegible fragments of text.]



(2) 制御シーケンス

1) クイックスタート

:76.04.20

処理時間: 10.00.00 (10分)

0040

0003

0020

0010

0010



03 0037.00 18 0

05 0051.00 12 2

(21)

(17)

(16)

of polystyren and resin of a

(10)

5. お だ ひ