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2.2.5. Biofouling and protection of instruments; 2.3. Determining pressure; 2.3.1. Piezoresistive pressure sensors; 2.3.2. Piezoelectric pressure sensors; 2.3.3. Errors in pressure sensor measurements; 2.4. Determining velocity; 2.4.1. Principles of measurement; 2.4.2. Instruments used at sea; 2.5. Determining current; 2.5.1. Rotor current meters; 2.5.2. Doppler effect current meters; 2.5.3. Electromagnetic current meters; 2.5.4. Doppler effect profilers  
2.5.5. Directional referencing of current measurements  
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## Sommario/riassunto

Through research, physical oceanography aims to solve the numerous problems stated by thermal, optical and dynamical properties of the oceans. Instrumentation and Metrology in Physical Oceanography describes the means used in oceanography to determine physical properties of the oceans by medium of in situ measurements. This book explores the theoretical functioning of sensors and instruments, as well as different practical aspects of using these tools. The content of this book appeals directly to technicians or engineers wishing to enhance their knowledge of instrumentation a

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