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became apparent this was really only a matter of approach. In this be on wind turbines has been added, which deals with the basic aerodyn turbine rotor. This chapter offers the student a short basic course deali tial fluid mechanics of the machine, together with numerous wo various levels of difficulty. Important aspects concerning the criteria and blade manufacture, control methods for regulating power outpu and performance testing are touched upon. Also included are some concerning public and environmental issues which are becoming in tant as they, ultimately, can affect the development of wind turbir of some regret that many aspects of the nature of the wind, e.g. meth mining the average wind speed, frequency distribution, power law elevation (and location), cannot be included, as constraints on book considered.

The world is becoming increasingly concerned with the very rounding the use of various forms of energy. The ever-growing dema undeniably diminishing amount of oil available, global warming se increased levels of  $CO_2$  and the related threat of rising sea levels are issues. Governments, scientific and engineering organisations as v small) businesses are now striving to change the profile of energy usa tries throughout the world by helping to build or adopt renewable e their power or heating needs. Almost everywhere there is evidence construction of wind turbine farms and plans for even more. Many of Denmark, Holland, Germany, India, etc.) are aiming to have between their installed power generated from renewable energy sources by main burden for this shift is expected to come from wind power. It new chapter will instruct the students faced with the task of understicalities and science of wind turbines.

Renewable energy topics were added to the fourth edition of this b Wells turbine and a new chapter on hydraulic turbines. Some of the Wells turbine have now been added to the chapters on axial flow ar bines. It is likely that some of these new developments will flourish ar source of renewable energy once sufficient investment is given to the

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