3. Hydrostatics. Pressure at a point. Euler equations for a liquid at rest.
17. Relationship between $\phi(x,y)$ and $\psi(x,y)$. Flow net. Potential flows in hydraulic structures.
18. Some simple potential flows. Uniform rectilinear flow. Sink and source.
20. Potential flow around a corner of an arbitrary angle.
23. Flow over immersed bodies. Lift and drag concepts. Drag coefficient for bodies with simple shape.

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1. Маринов Е., Казаков Б. и др. – Хидравлика, София, 1994 и 2003;
2. Рауз Х., Механика жидкости для инженеров гидротехников, Москва, 1958;

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