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answers open channel flow examples autumn 2023 q1 5 m 20 m3 s1 j 0 02 m 1 3 s discharge  $Q$  where in normal flow  $Q = 1 j h 2 3 1 2 h h$   
 $h 2h h 1 2h$  hence 1 j h5 3 1 2h 2 3 1 2

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**open channel hydraulics v t chow solved example 02** Dec 22 2022 channel width 2 ft flow range type subcritical turbulent 4 flow velocity 0 25 ft/s flow depth 0 1 ft acc gravity 32 2 ft/s hydraulic radius 0 0909 ft  $u = 0.0000108 \text{ ft}^2/\text{s}$  froud no 0 14 reynold s no 2105 for froud s no 0 14 and rynold s no 2105 it can be verified from figure 1 that flow is in subcritical turbulent 4

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a type of hydraulic actuator that works with the electrical motor the electrical motor is integrated into the hydraulic actuator as illustrated in fig 2 25 hydraulic actuators could be the piston type the rack and pinion type or the scotch yoke type  
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