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# Computer Networks Numerical Problems Solutions

**mathematical foundations of computer networking** - this book addresses these problems by providing a single source to learn about the mathematical foundations of computer networking. assuming only a rudimentary grasp of calculus, it provides an intuitive yet rigorous introduction to a wide range of mathematical topics. **communication network problems - uni-freiburg** - international computer science institute, berkeley, theory group, prof. richard karp ph.d. heinz nixdorf institut, universit"at paderborn, algorithms, complexity theory, parallel computing group, prof. dr. math. friedhelm meyer auf der heide furthermore i have to thank the deutsche forschungsgesellschaft (dfg) and the deutscher akademis- **computer networks - central authentication service** - problem solutions 1 solutions to chapter 1 problems 1. the dog can carry 21 gigabytes, or 168 gigabits. a speed of 18 km/hour equals 0.005 km/sec. the time to travel distance  $x$  km is  $x/0.005 = 200x$  sec, yielding a data rate of  $168/200x$  gbps or  $840/x$  mbps  $x$