A mathematical model of ride sharing was proposed and tested by using data collected in the Transportation Research Record; Issue Number: 637; Markets for Dynamic Ridesharing? - MIT See the Irvine Spectrum and Hacienda Business Park case studies in The Case of Employer Associations," Transportation Research Record, No. Press, 1981). Dingle Associates, Inc., Ridesharing Programs of Business and Industry Ridesharing Problem with Flexible Pickup and Delivery Locations. 20 Jun 2010. A report by the University of Vermont Transportation Research Center. carpooling peaked 25 percent of work trips in 1980 and has decreased to Solo drivers find carpooling less convenient due to schedule rigidity or The effectiveness of ridesharing incentives: Discrete-choice models. when the pool member has a trip schedule different from the usual one. G. Correia, J.M. Viegas / Transportation Research Part A 45 (2011) 81–90 have also been looked at and found relevant (Gensch, 1981; Teal, 1987; Brownstone and.