CONTENTS

TABLES

Table 1: Experimental Parameters

Table 2: Experimental result for total energy consumption of the network where range 20.

Table 3: Experimental result for total energy consumption of the network where range 25.

Table 4: Experimental result for total energy consumption of delivering data packets

Table 5: Experimental result for total energy consumption of delivering control packets

FIGURES

Figure 1: Total energy consumption vs. the number of source nodes for methods Ant-1P, Ant-2P, Ant- 1 and Ant-2 with R=20

Figure 2: Total energy consumption vs. the number of source nodes for methods Ant-1P, Ant-2P, Ant-1 and Ant-2 with R=25

Figure 2: Total energy consumption for data transmission of the different number of source nodes

Figure 3: Total energy consumption of the overhead for the different no of source nodes

Figure 4: The aggregation trees formations in first run.