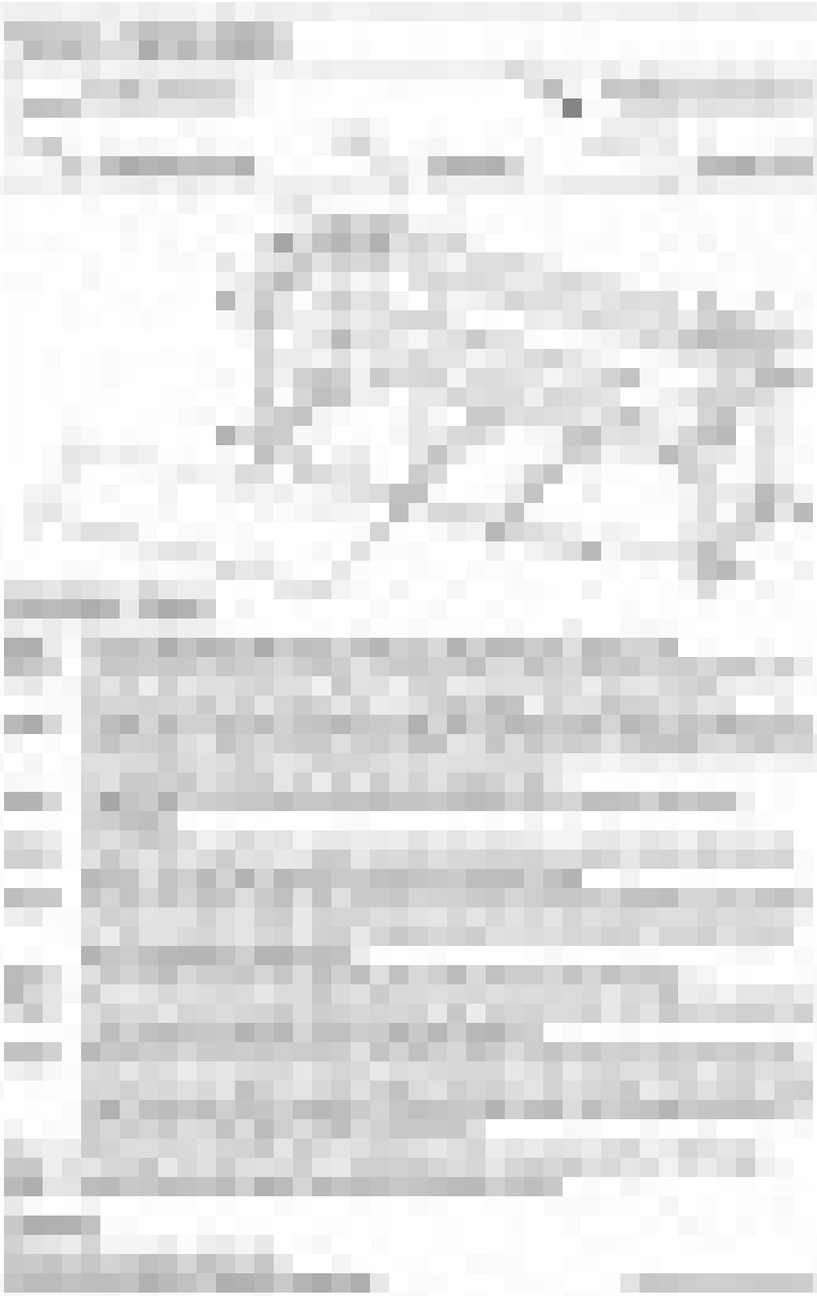LIVGATION