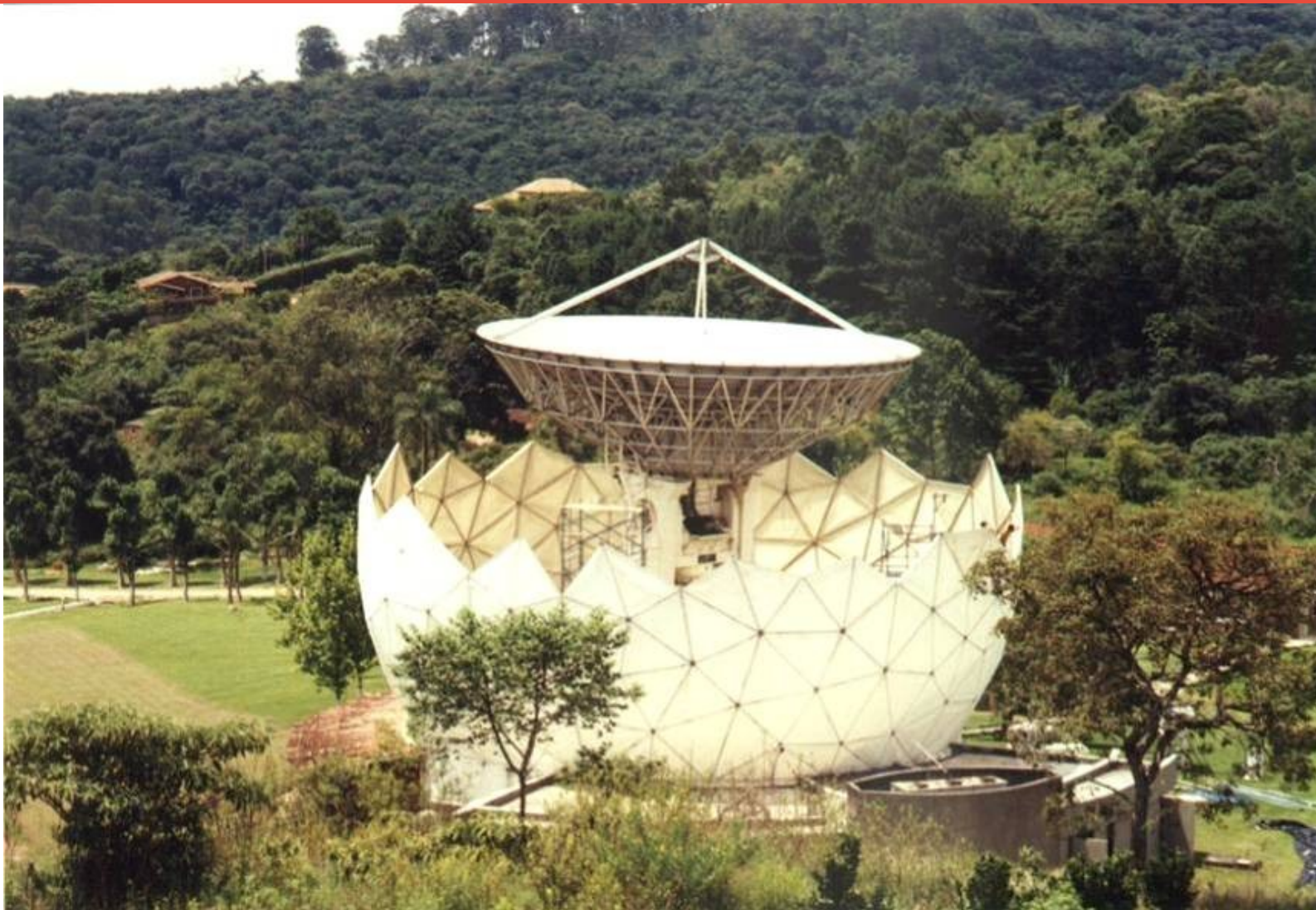


Melhorias nos sistemas de apontamento das antenas do Itapetinga e do BDA

Cesar Strauss

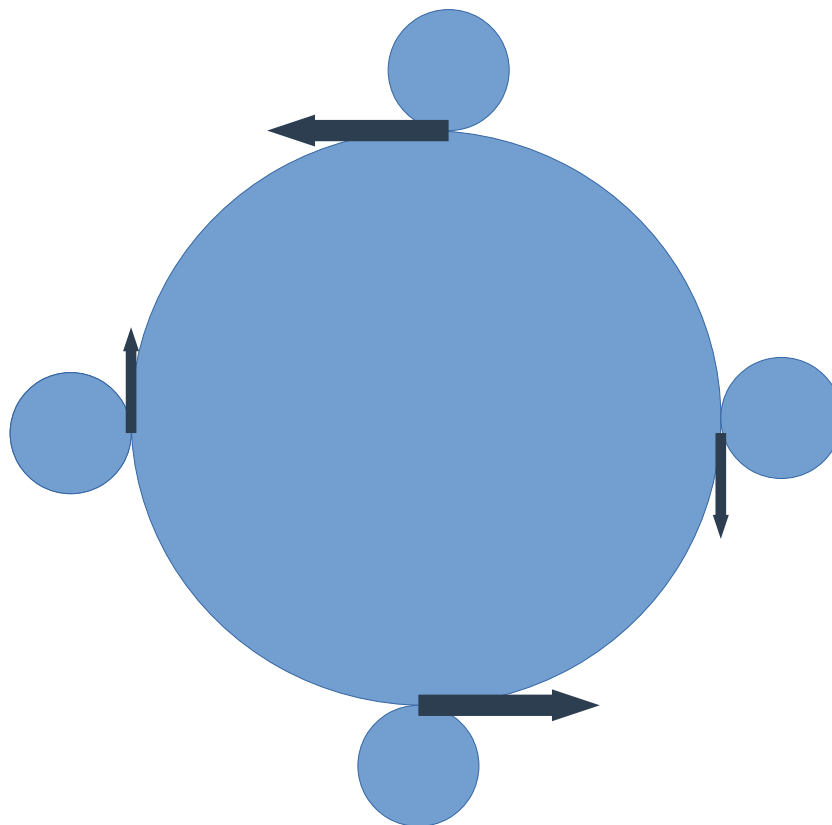
Antena do Itapetinga



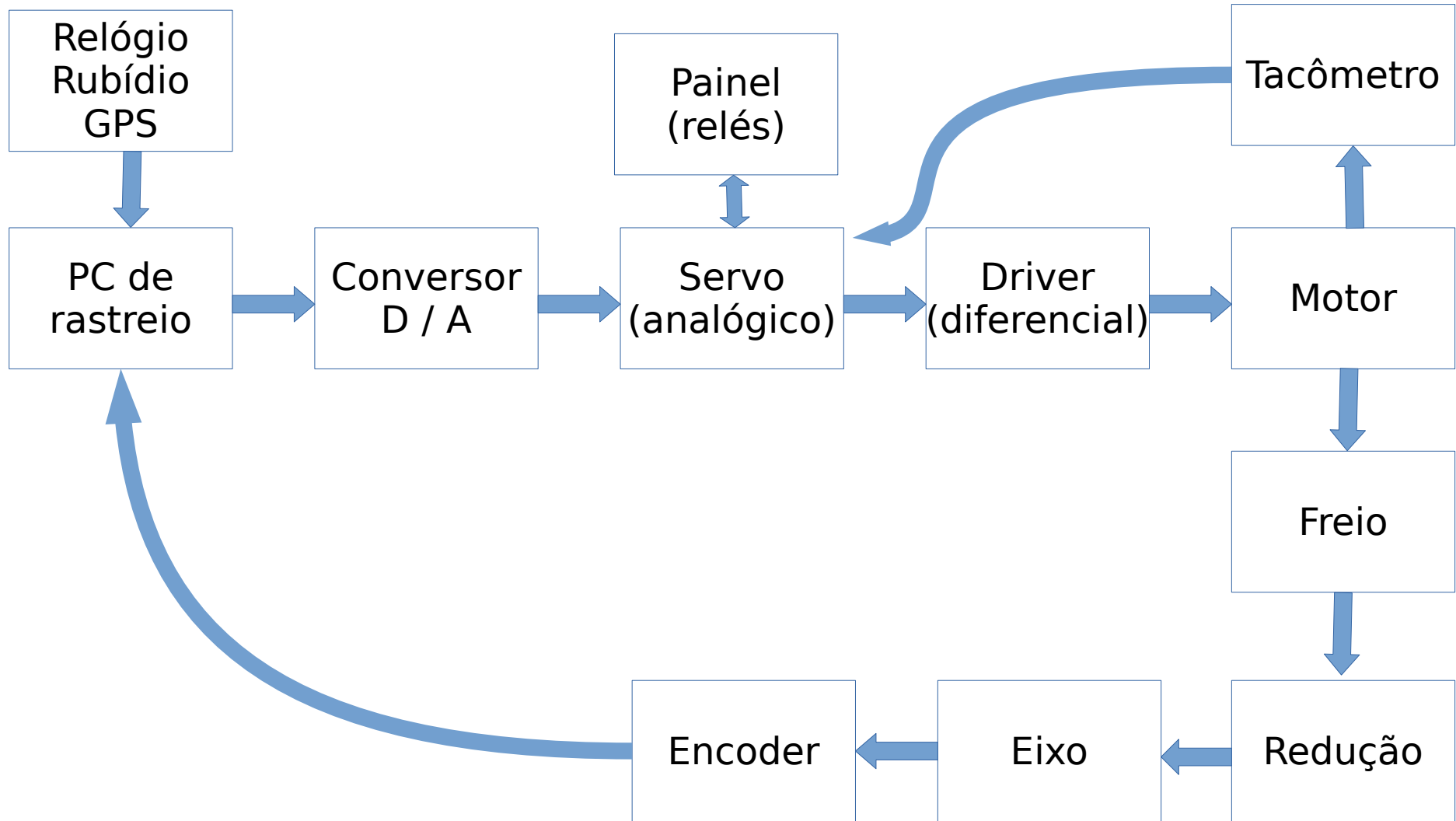
Interferômetro do BDA



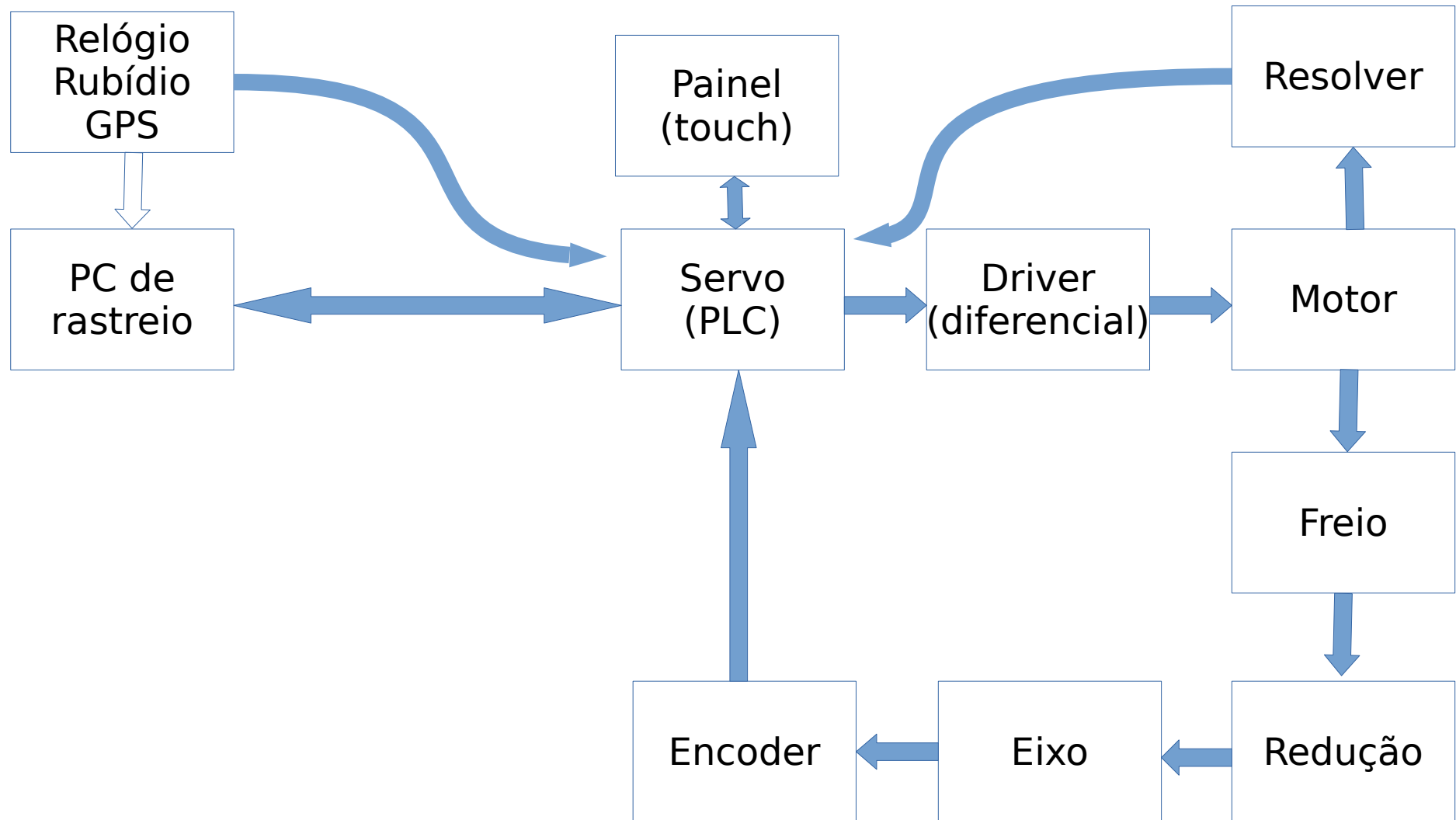
Torque diferencial (Itapetinga)



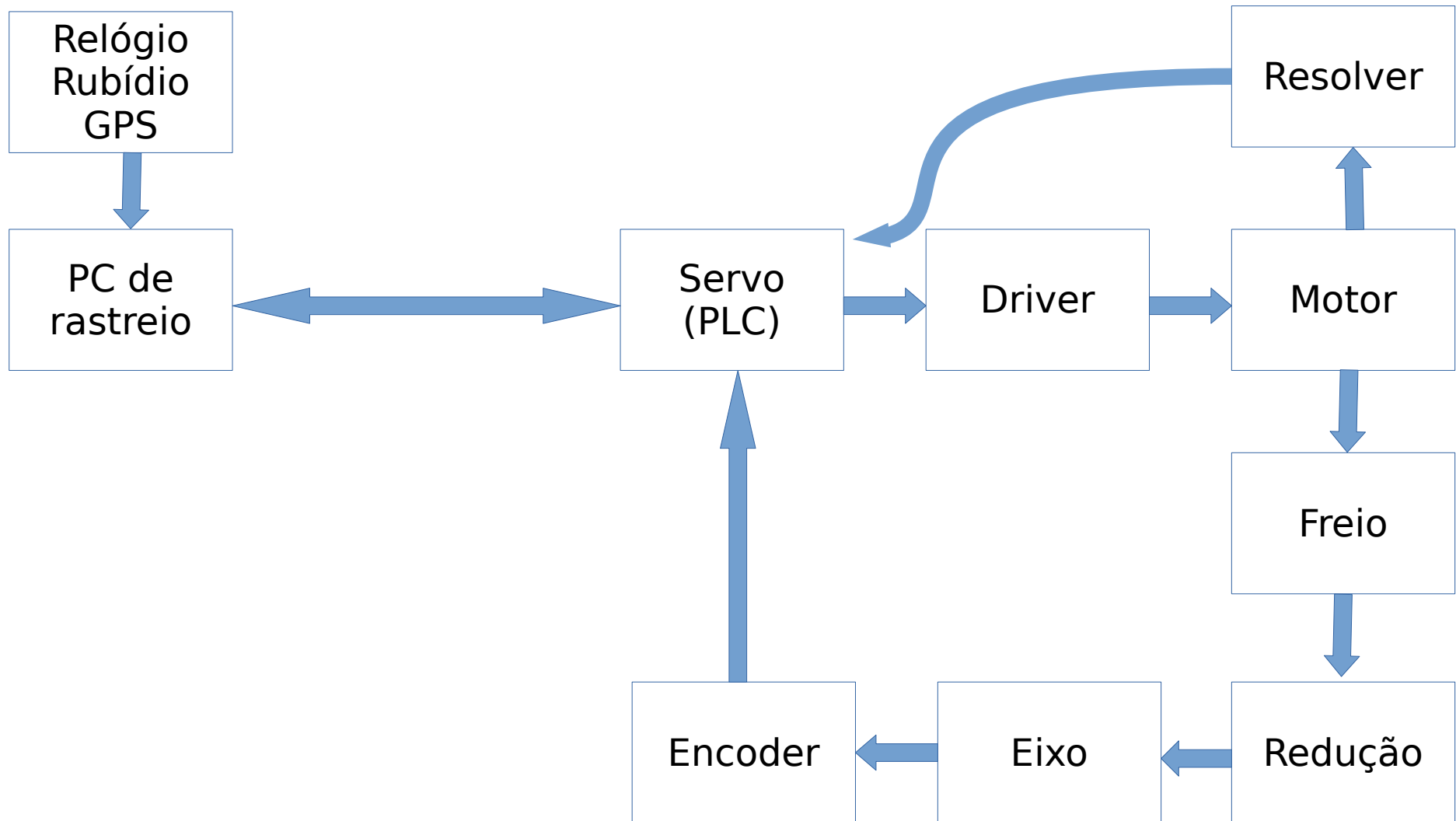
Itapetinga - Sistema atual



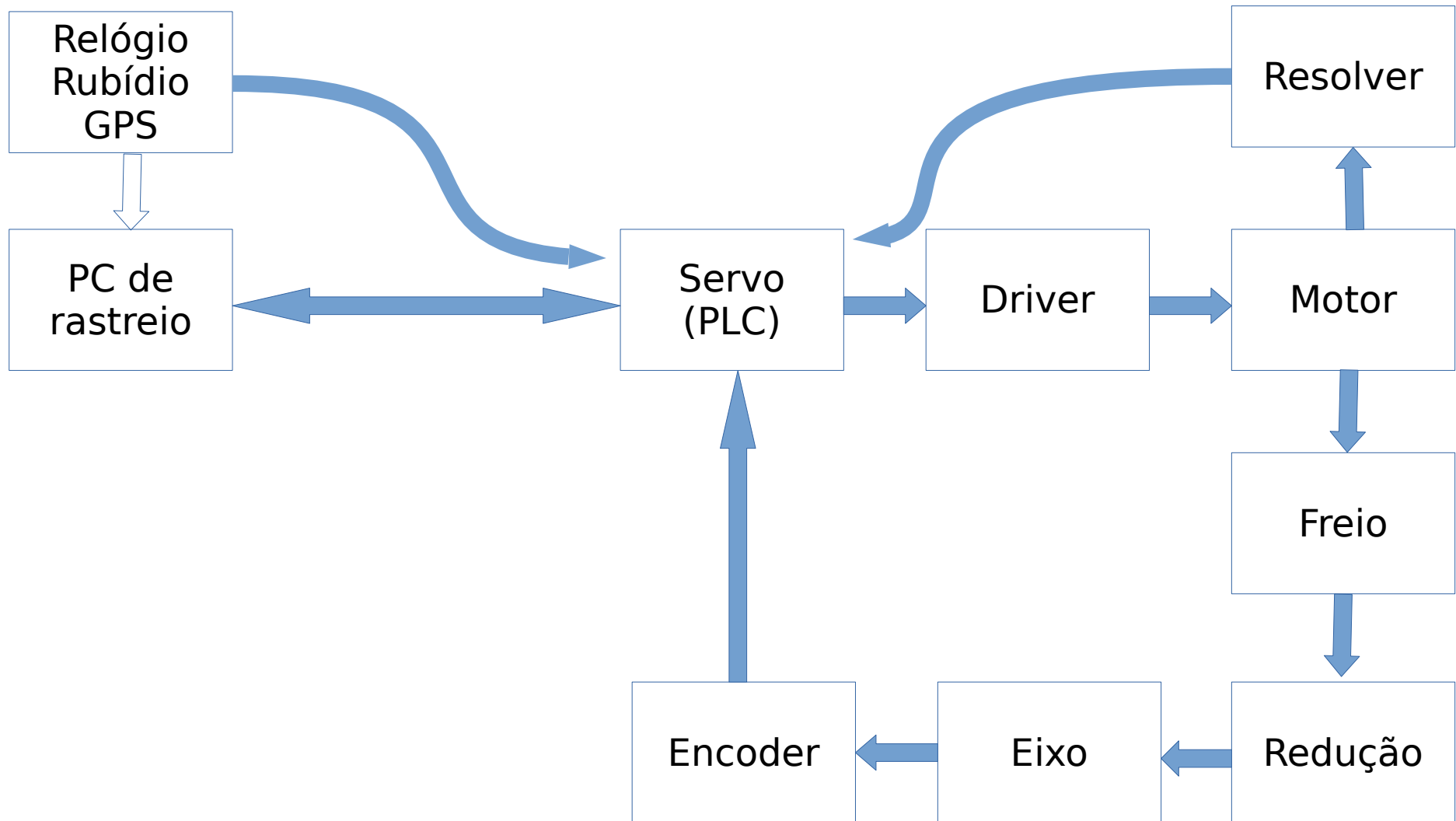
Itapetinga - Sistema proposto



BDA - Sistema atual



BDA - Sistema proposto



Requisitos do sistema de rastreamento

- **Servo digital**
- **Tabela de coordenadas / tempo**
- **PLC sincronizado com relógio de rubídio (NTP)**
- **Torque diferencial (Itapetinga)**
- **Movimento contínuo (interpolado)**
- **Um só tipo de motor**
- **Tabela de posição dos encoders**
- **Conexão PC-PLC via Ethernet**

Obrigado