

INTRODUÇÃO

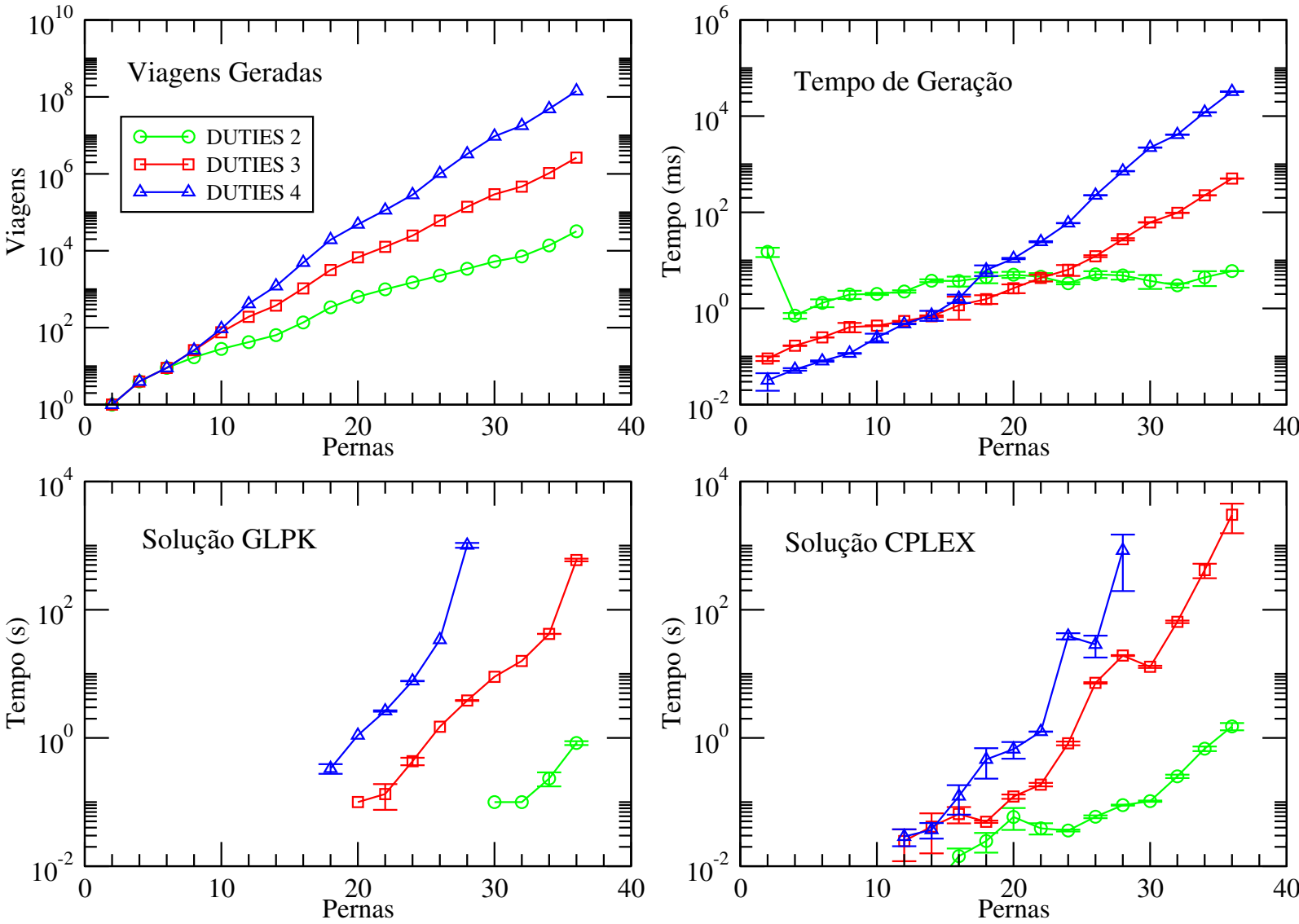
FORMULAÇÃO

GERAÇÃO DE VIAGENS

REFERENCIAS

[1]

ANÁLISE PRELIMINAR



BUSCA LOCAL

```
for Blur and regularisation values do
  Initialize  $q, q_{best}$  and  $\kappa$ 
  repeat
    Calculate  $\Delta p\tilde{F}(q, 0), F(q)$ 
    if  $F(q) < F(q_{best})$  then
       $q_{best} \leftarrow q$ 
      Increase  $\kappa$ 
    else
      if  $\kappa$  smaller than threshold then
        return
      decrease  $\kappa$ 
    Calculate  $p$  from  $\Delta p\tilde{F}(q_{best}, p)$  and  $\kappa$ 
     $q \leftarrow C \circ q, p$ 
  until converged
```

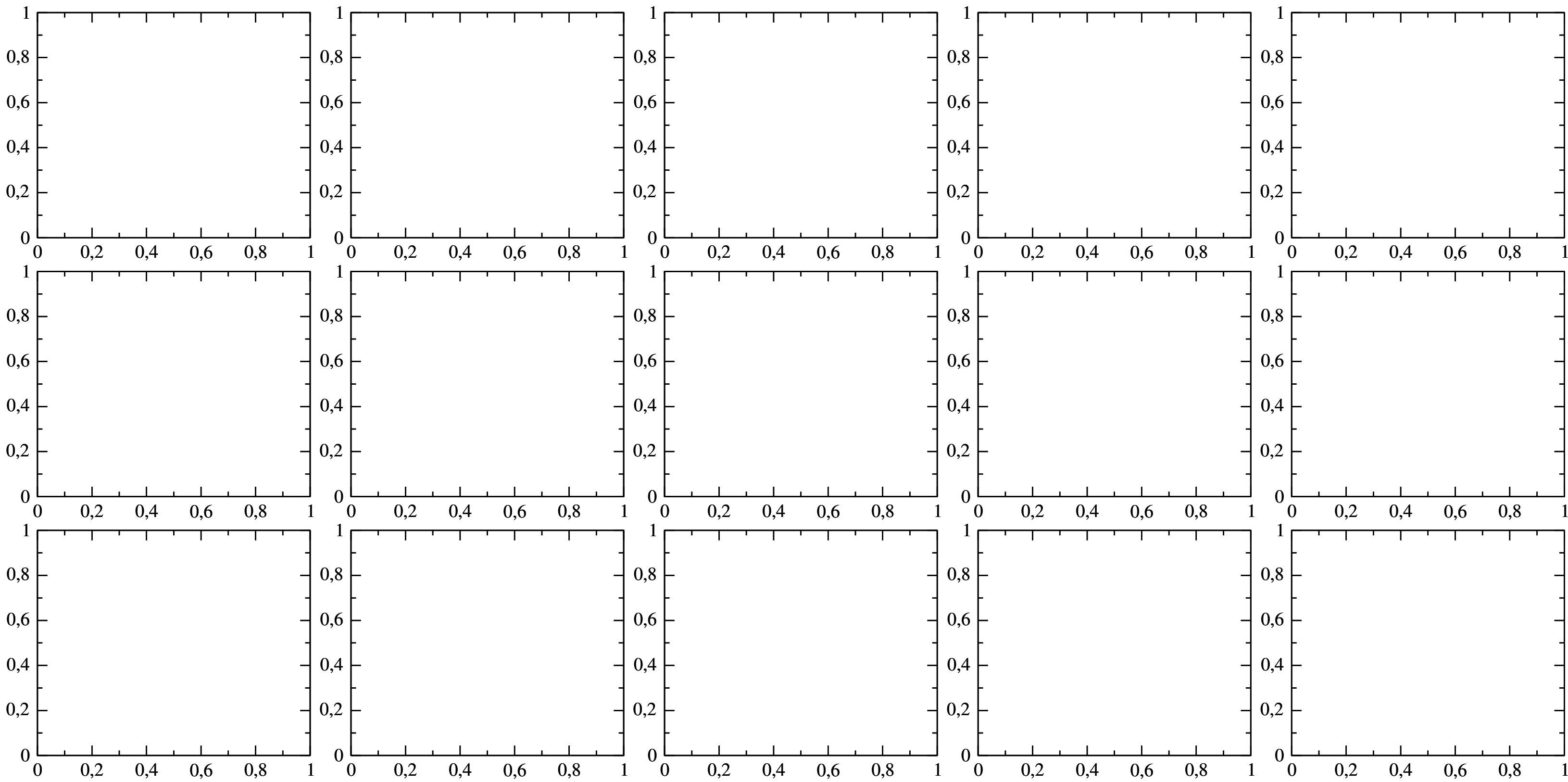
ALGORITMO GENÉTICO

```
for Blur and regularisation values do
  Initialize  $q, q_{best}$  and  $\kappa$ 
  repeat
    Calculate  $\Delta p\tilde{F}(q, 0), F(q)$ 
    if  $F(q) < F(q_{best})$  then
       $q_{best} \leftarrow q$ 
      Increase  $\kappa$ 
    else
      if  $\kappa$  smaller than threshold then
        return
      decrease  $\kappa$ 
    Calculate  $p$  from  $\Delta p\tilde{F}(q_{best}, p)$  and  $\kappa$ 
     $q \leftarrow C \circ q, p$ 
  until converged
```

GERAÇÃO DE COLUNAS

```
for Blur and regularisation values do
  Initialize  $q, q_{best}$  and  $\kappa$ 
  repeat
    Calculate  $\Delta p\tilde{F}(q, 0), F(q)$ 
    if  $F(q) < F(q_{best})$  then
       $q_{best} \leftarrow q$ 
      Increase  $\kappa$ 
    else
      if  $\kappa$  smaller than threshold then
        return
      decrease  $\kappa$ 
    Calculate  $p$  from  $\Delta p\tilde{F}(q_{best}, p)$  and  $\kappa$ 
     $q \leftarrow C \circ q, p$ 
  until converged
```

RESULTADOS



CONCLUSÕES