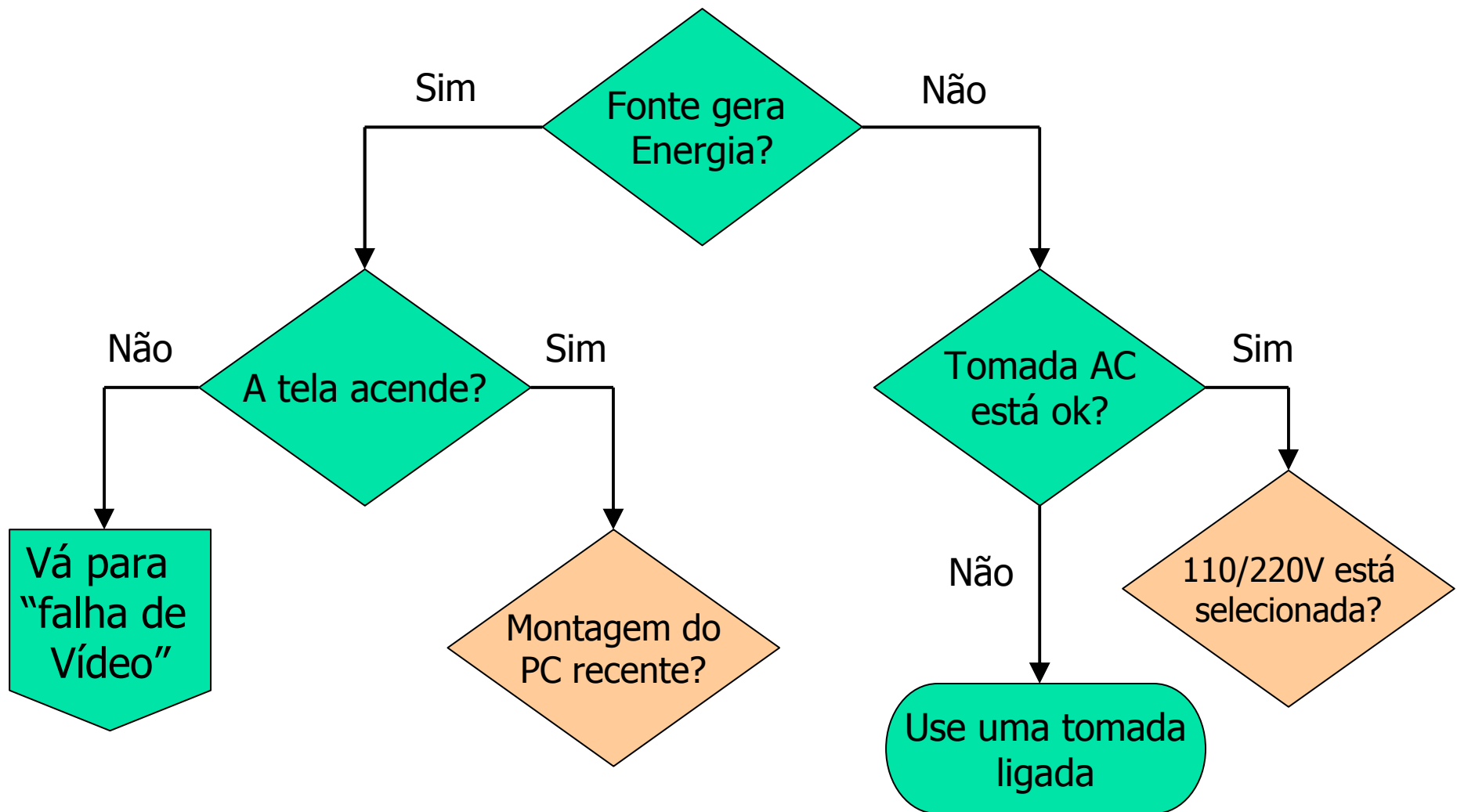


Manutenção de Hardware

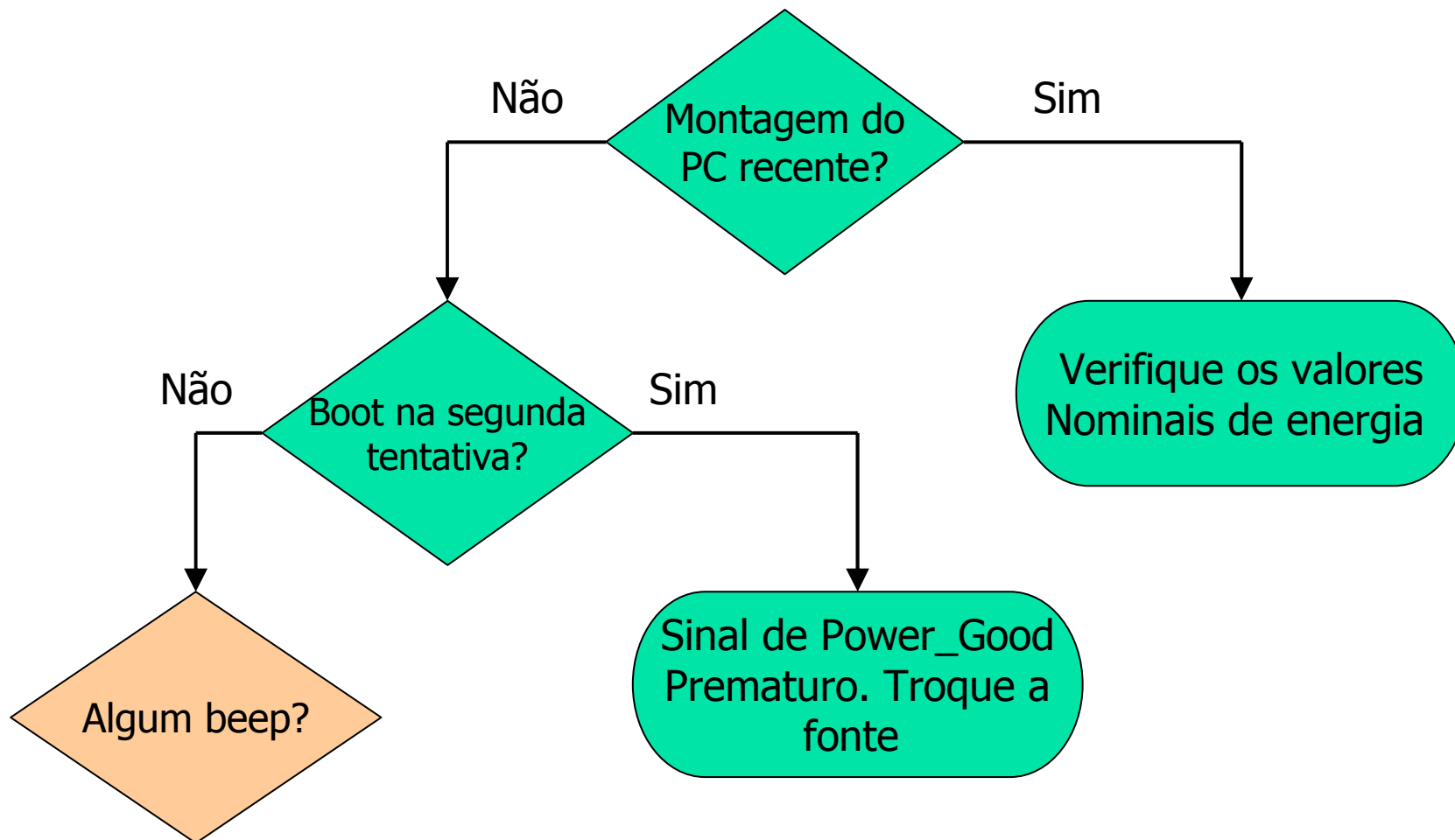


Christian César de Azevedo

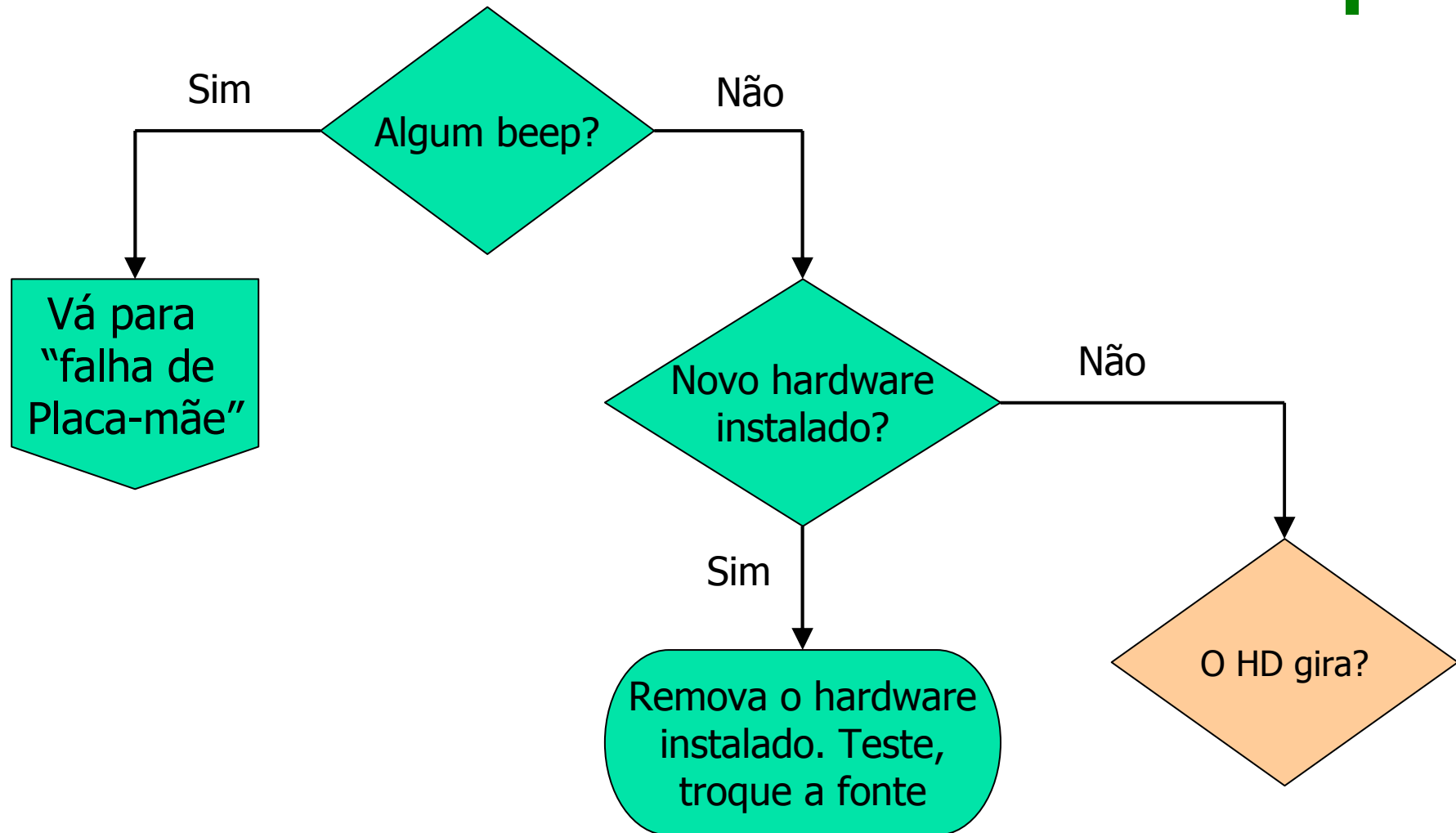
Defeito na fonte



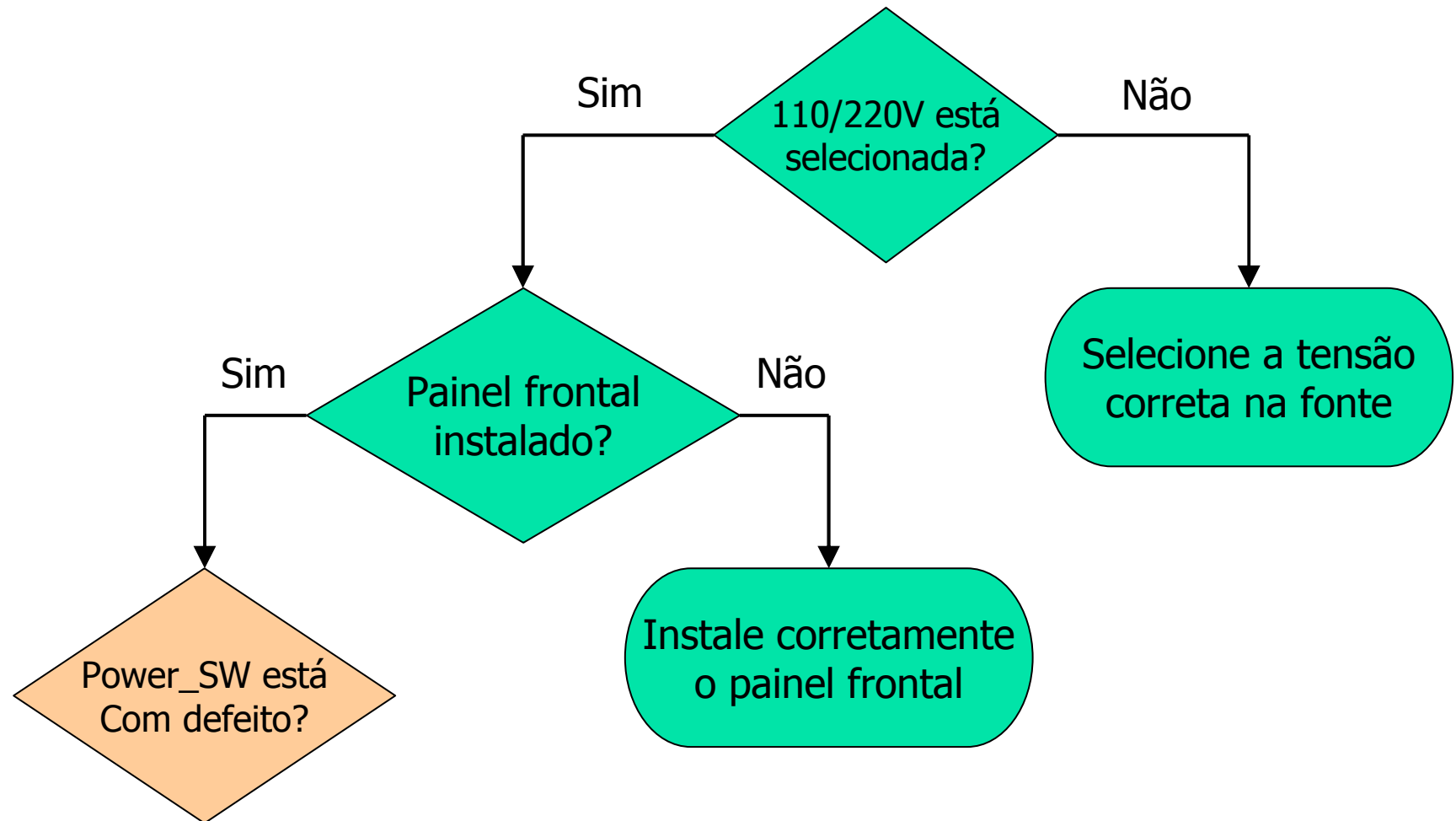
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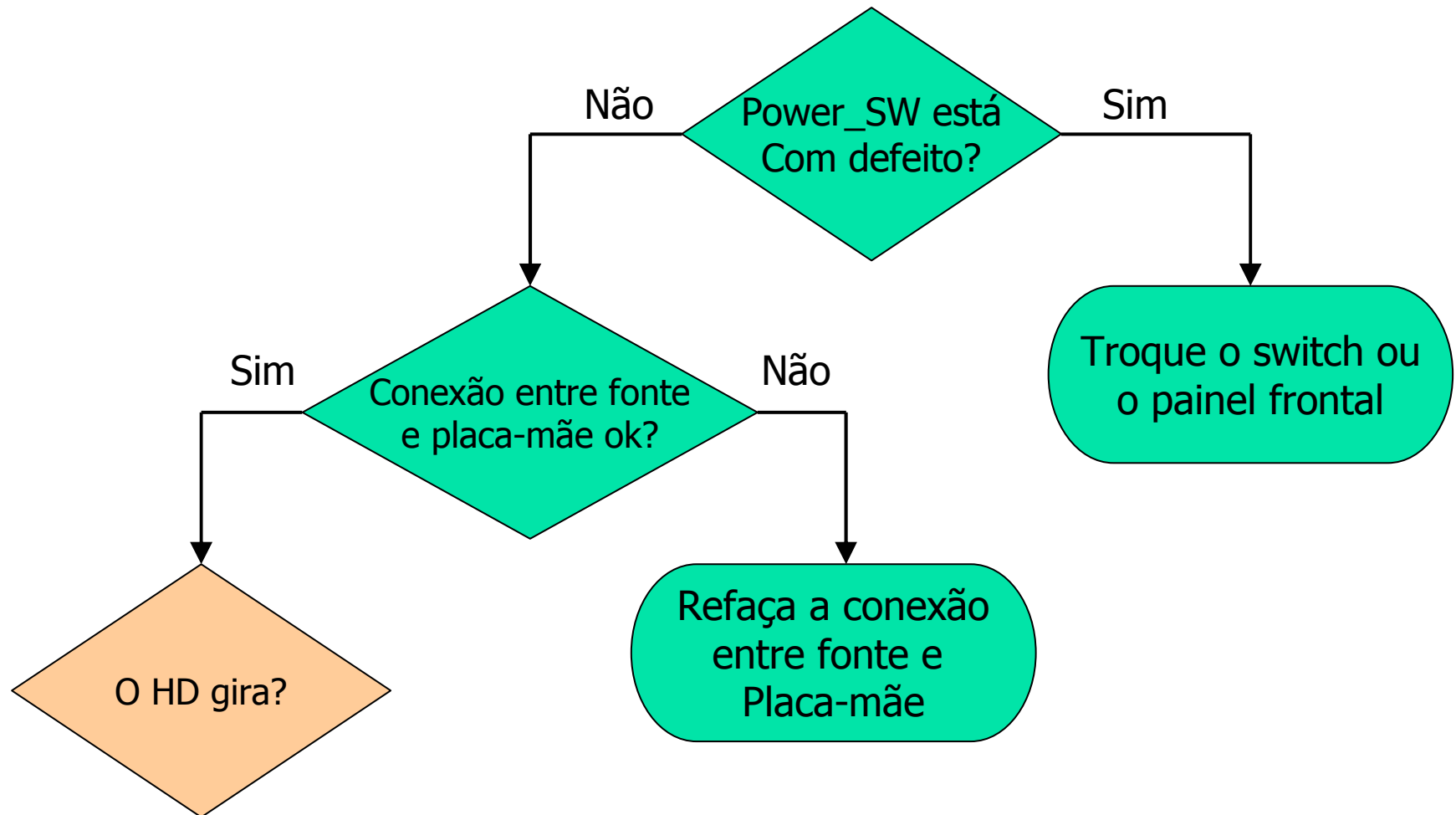
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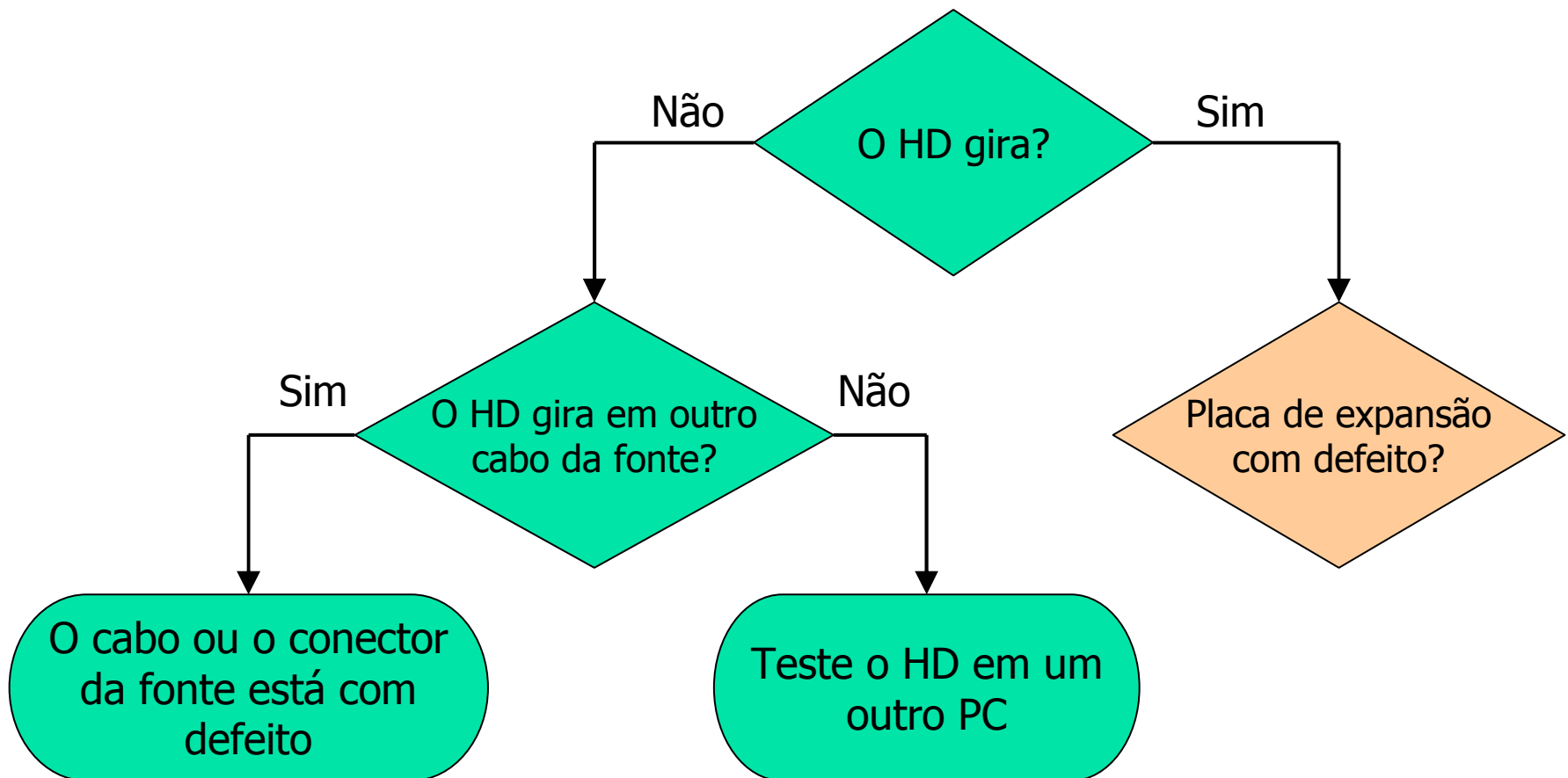
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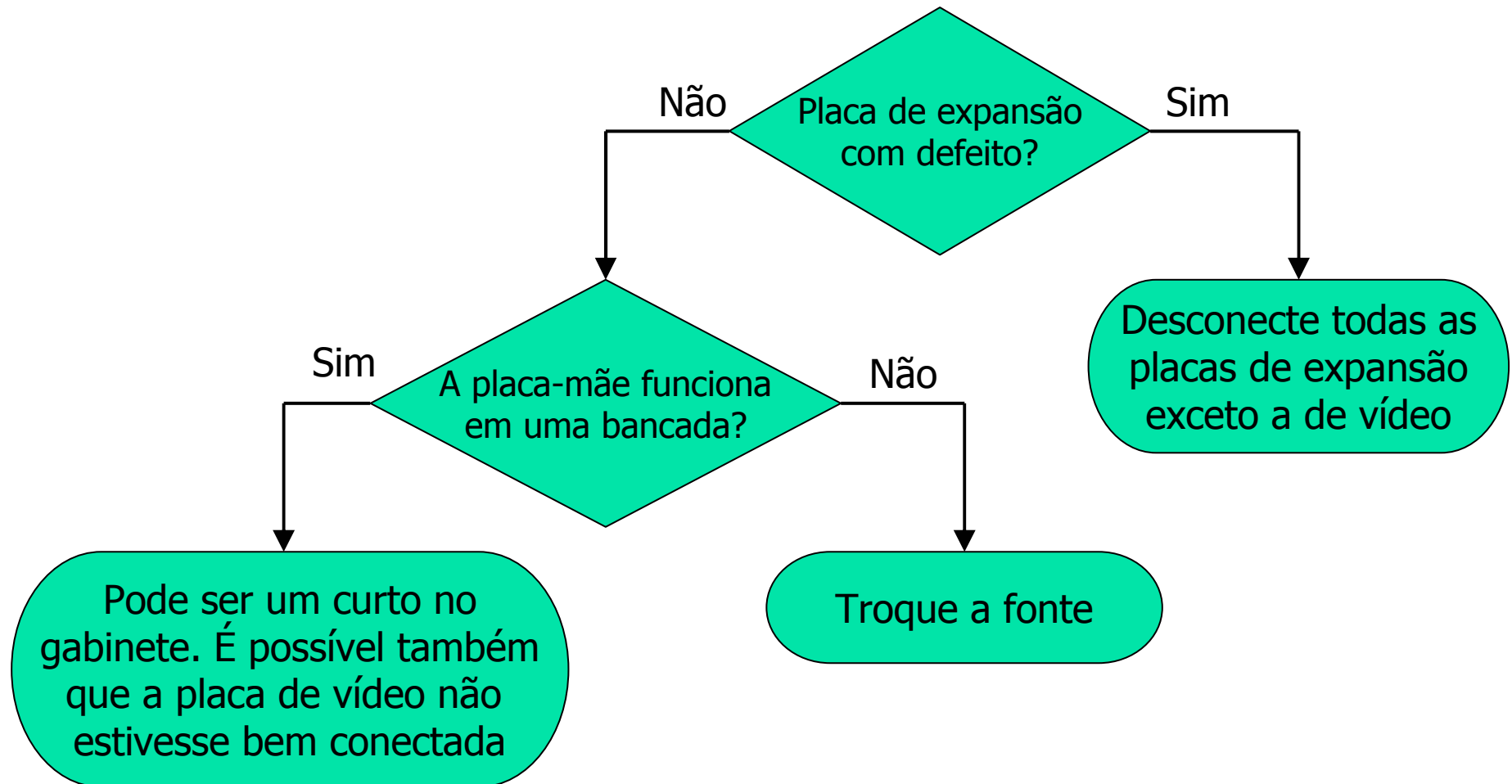
Defeito na fonte



Defeito na fonte



Defeito na fonte

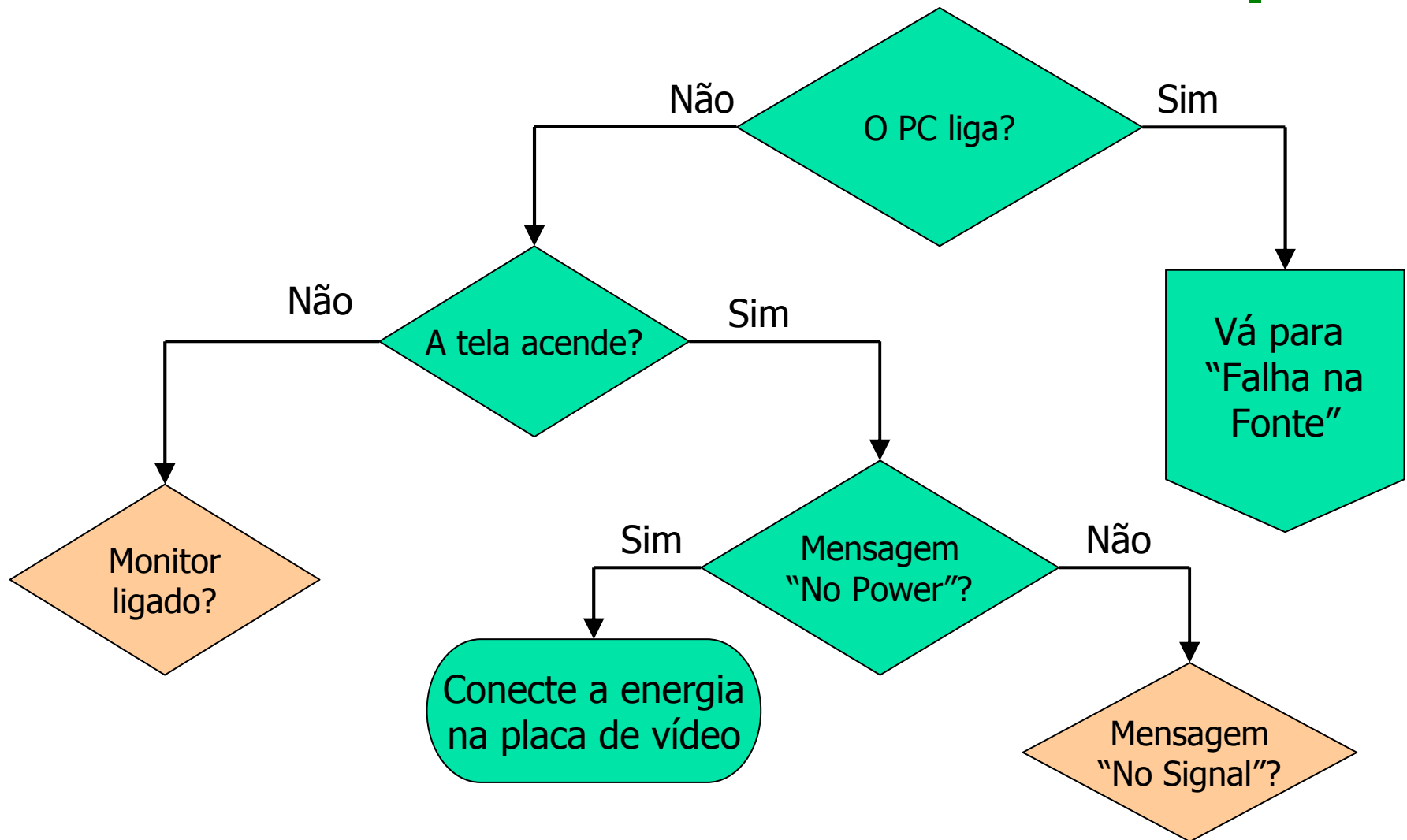


Defeito na fonte

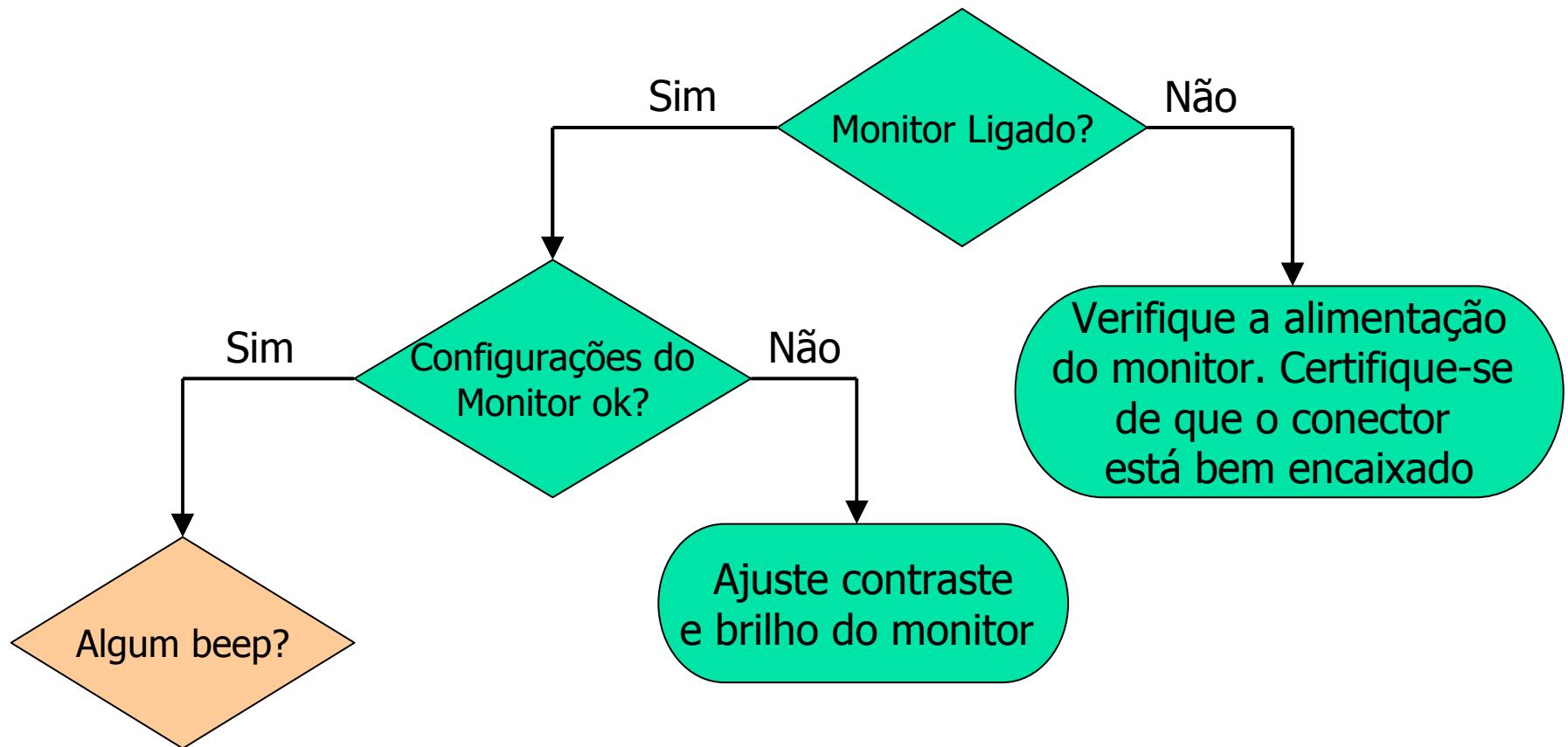


- Se o PW_ON estiver com defeito, experimente trocá-lo pelo botão de RESET.
- Ao adicionar placas de vídeo off-board, tome cuidado com os valores nominais da fonte. Algumas placas de vídeo chegam a consumir 600W.
- Se o boot acontece apenas na segunda tentativa, é melhor trocar a fonte por uma de qualidade superior.

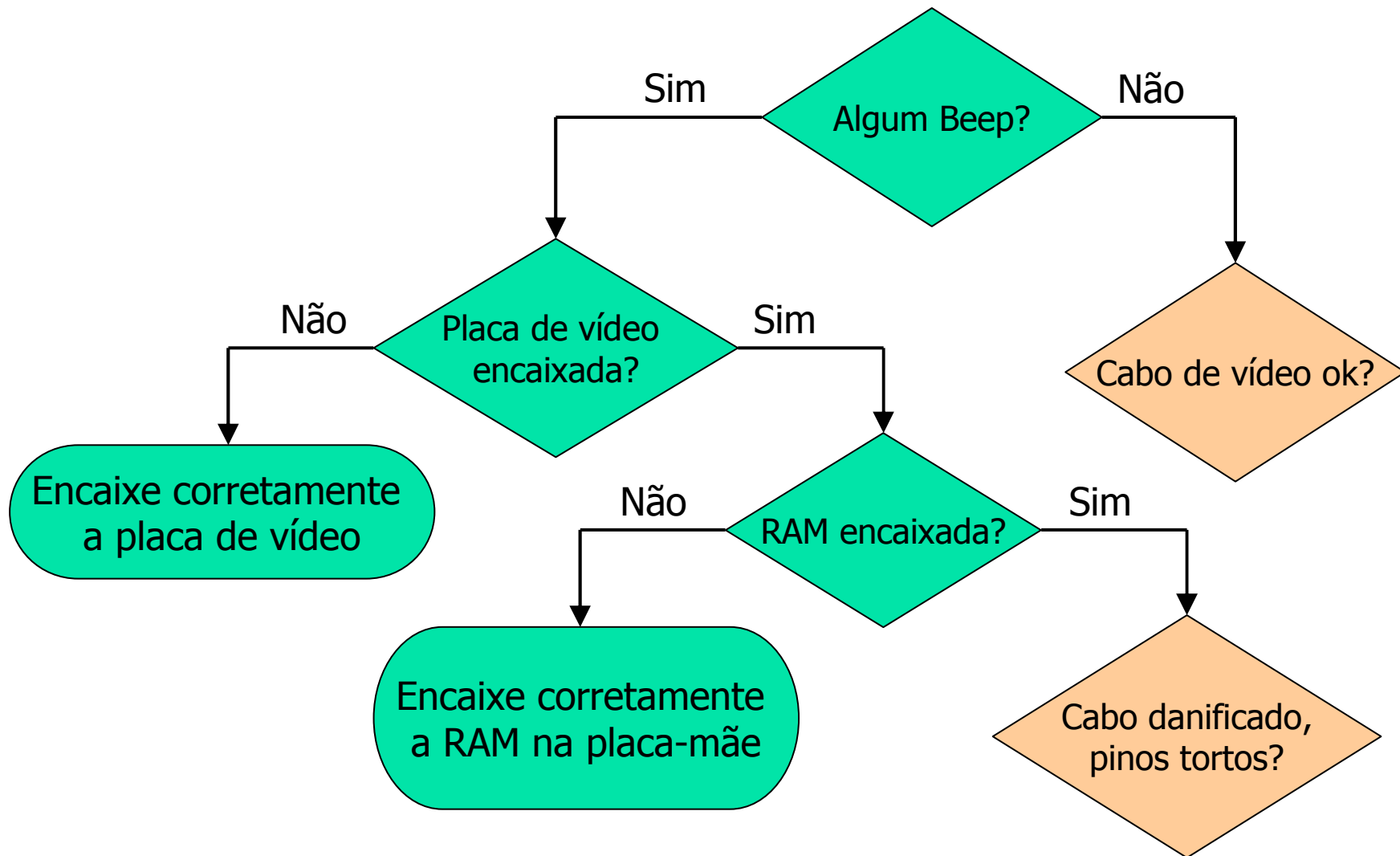
Defeito no vídeo



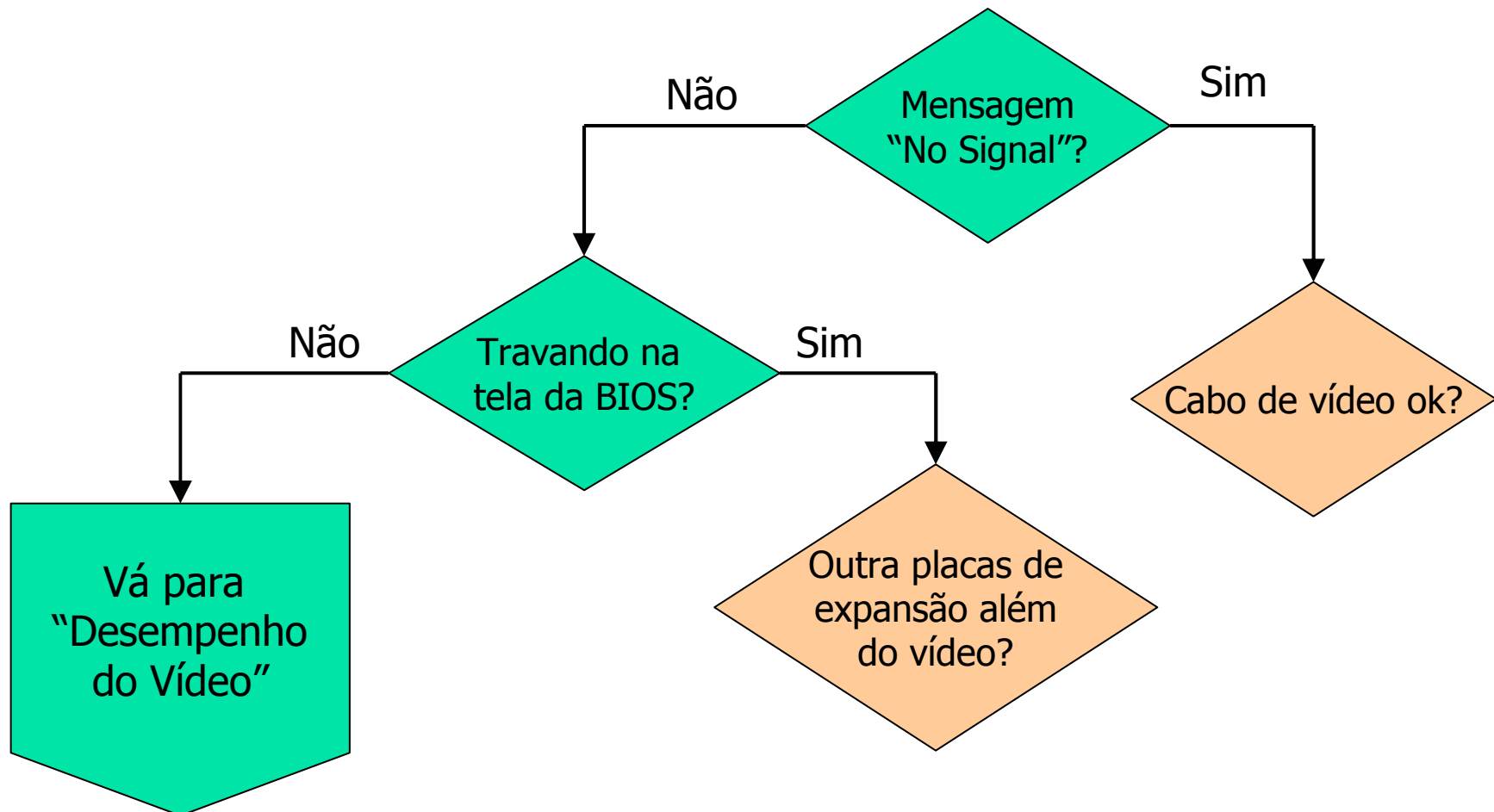
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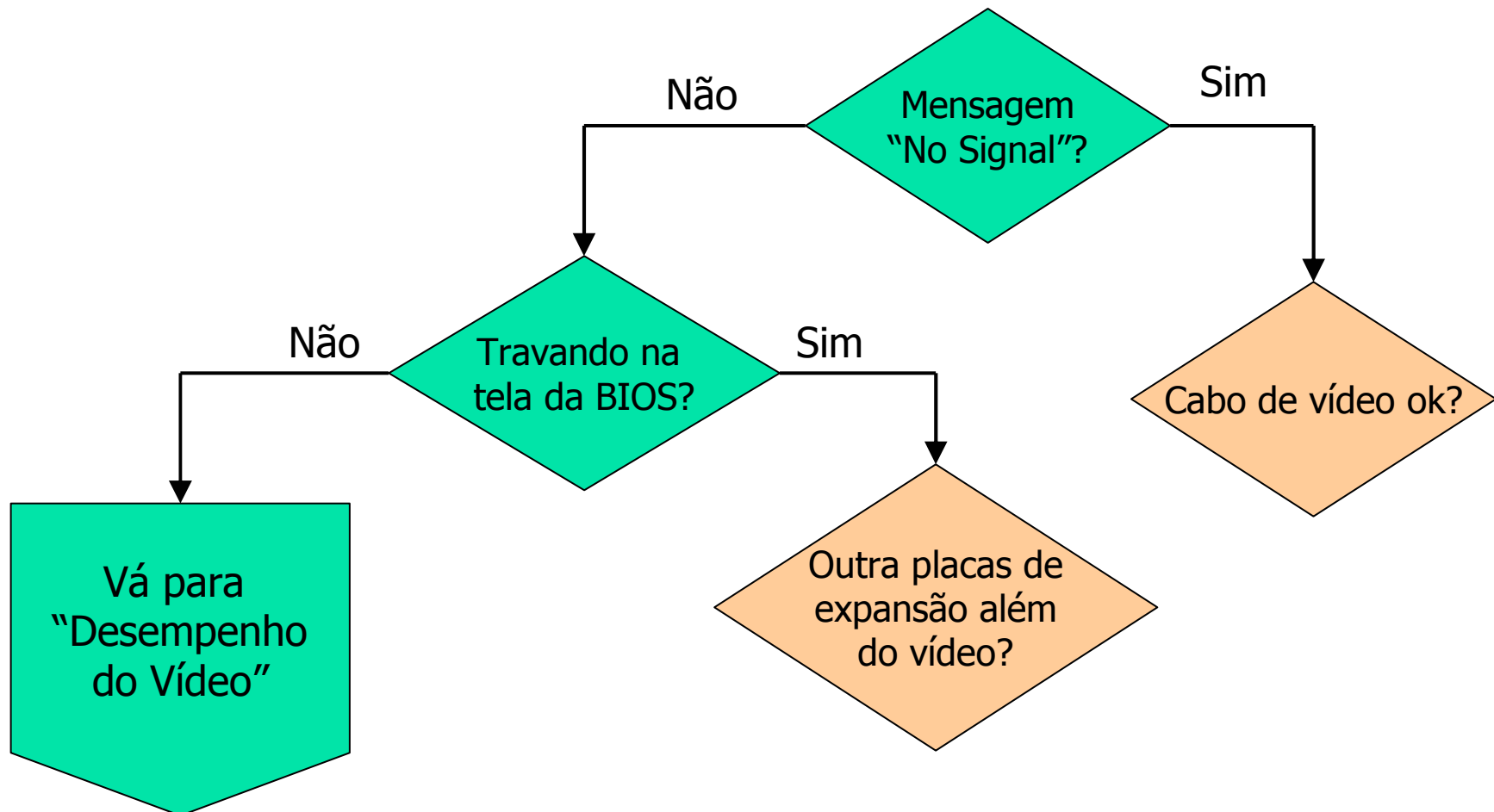
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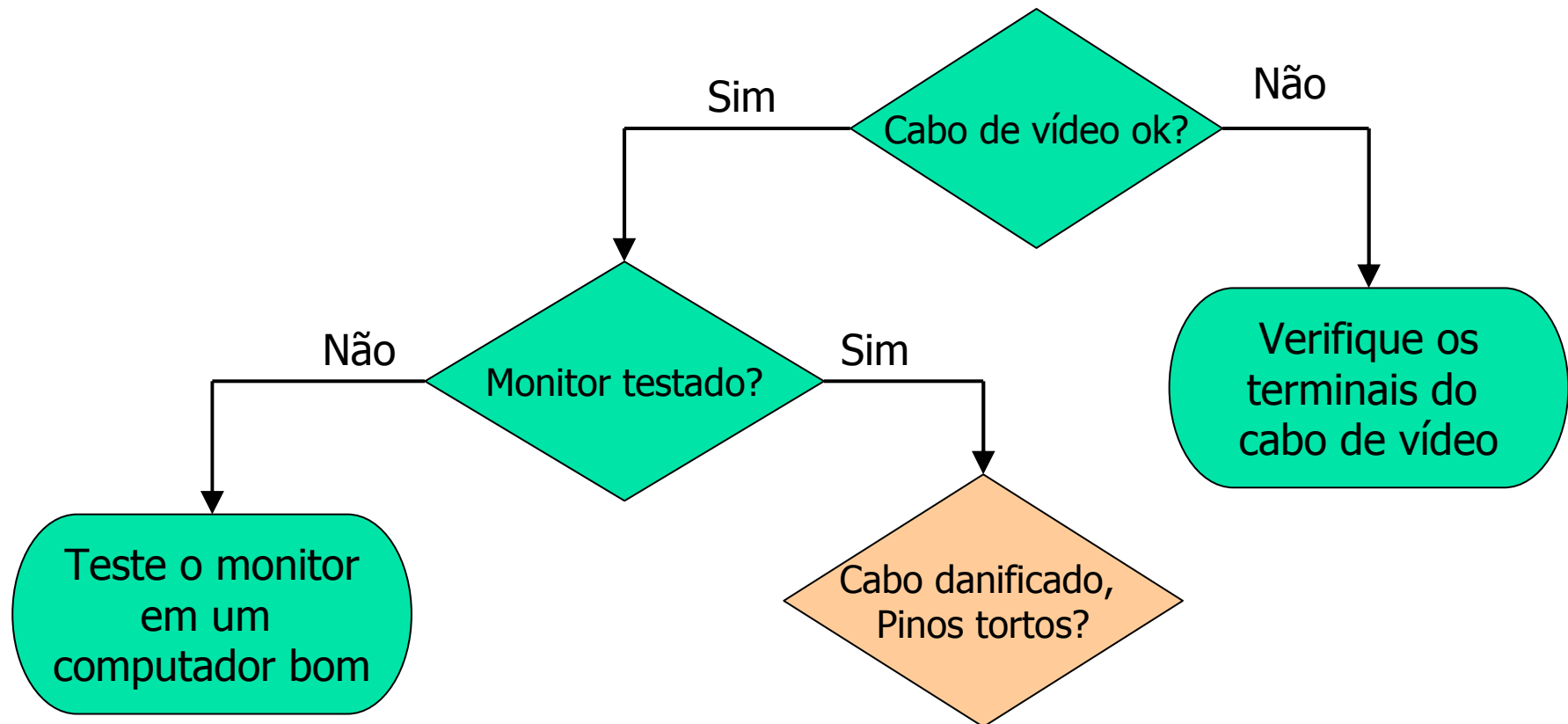
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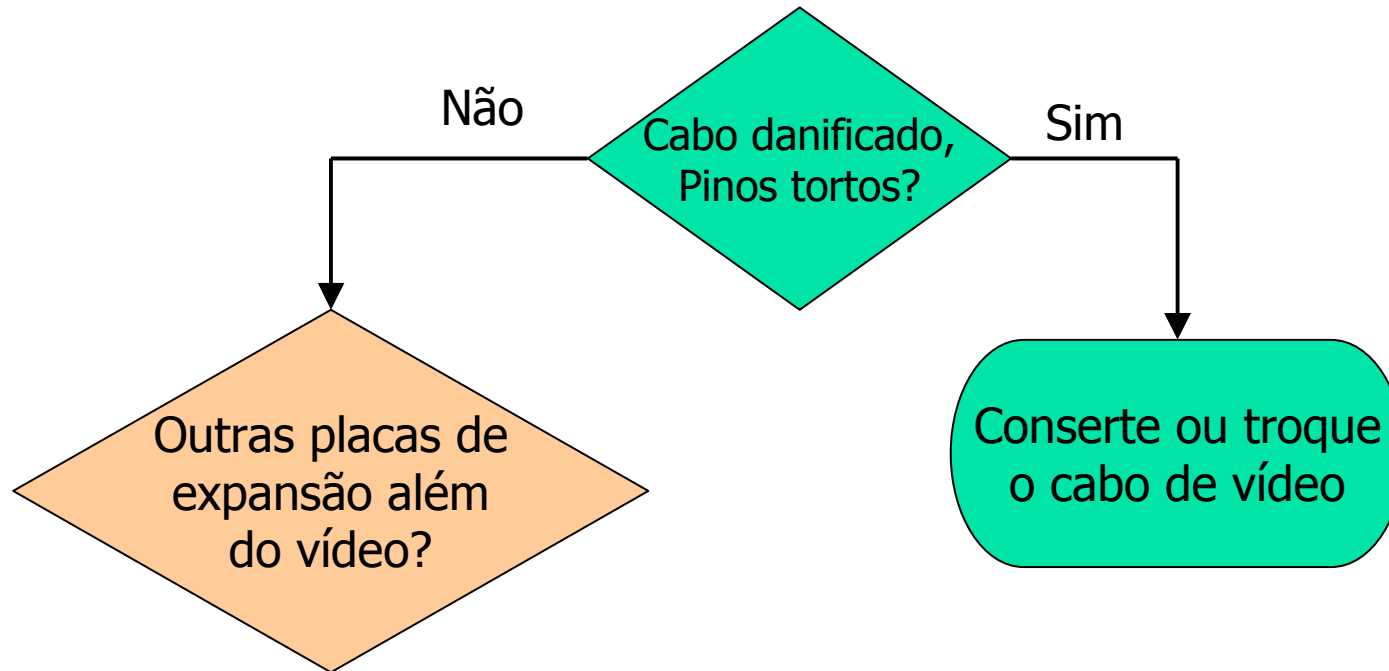
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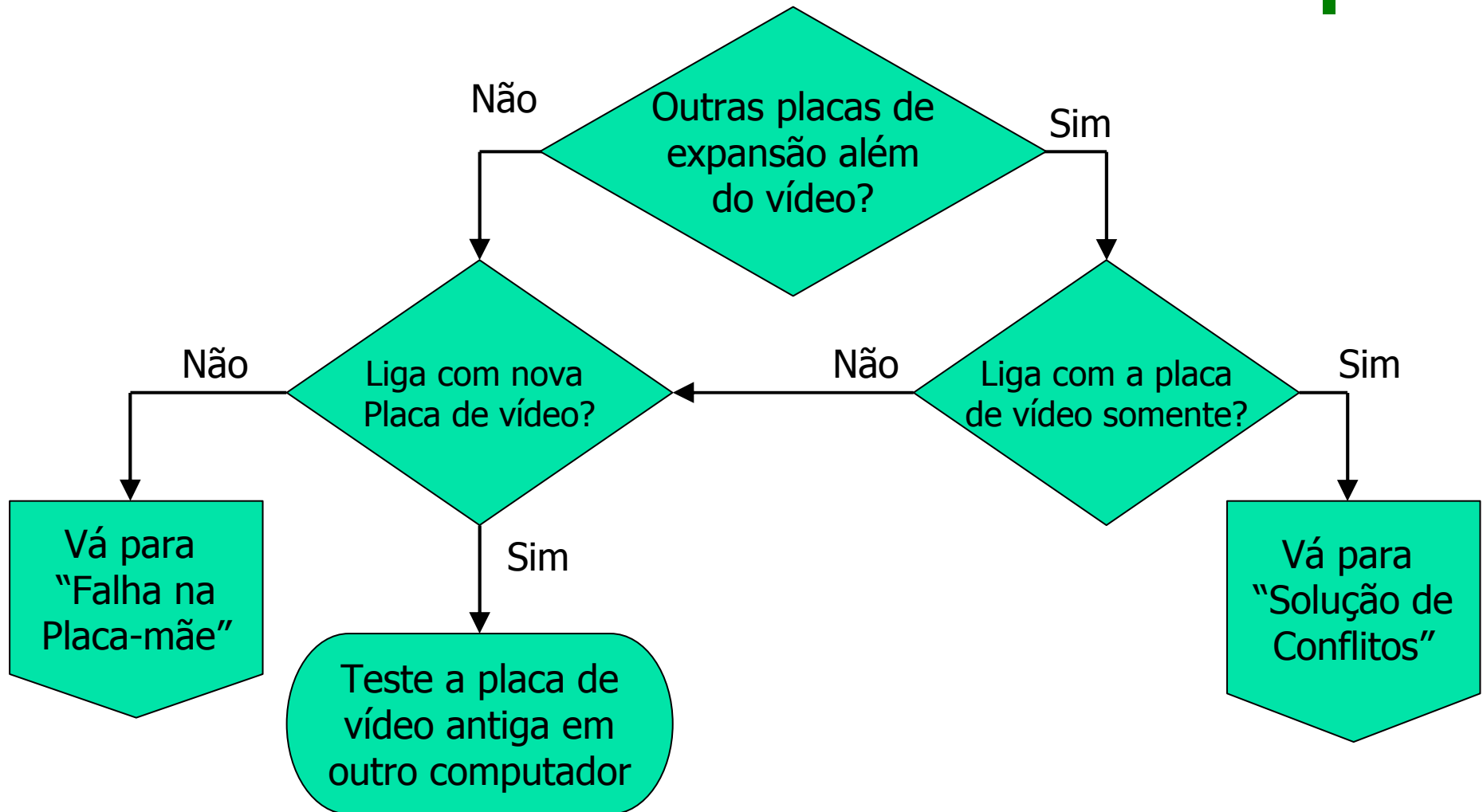
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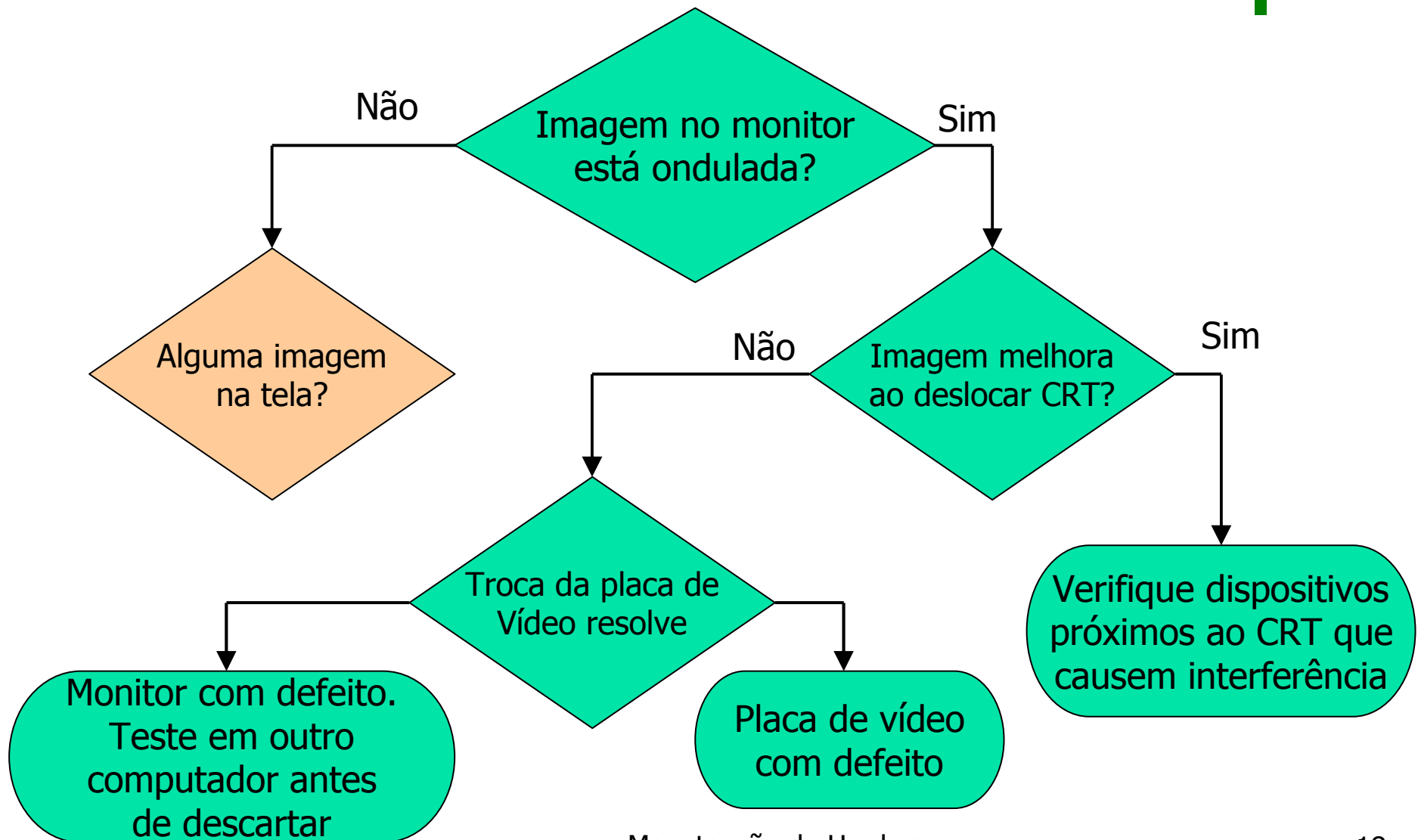
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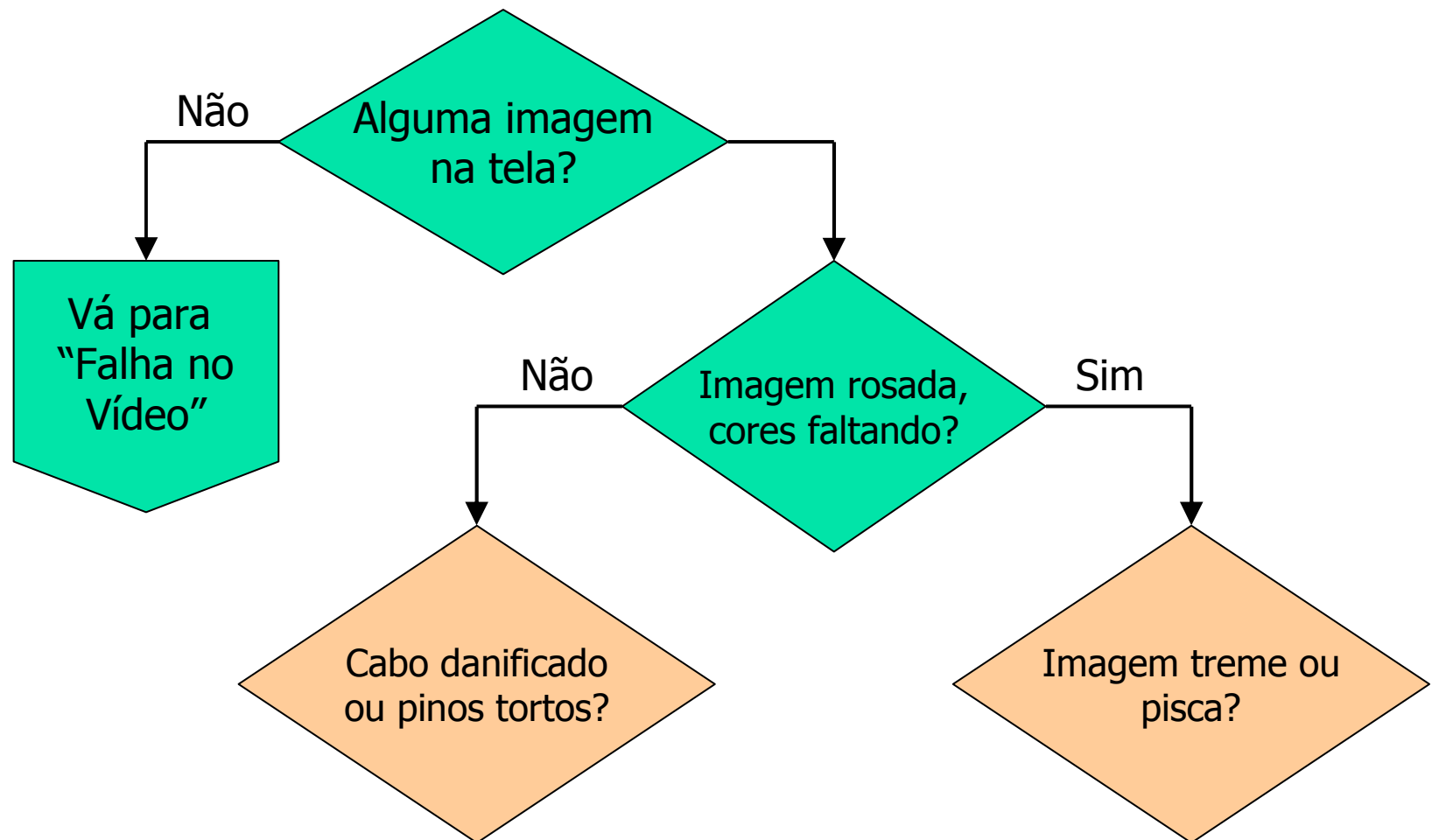
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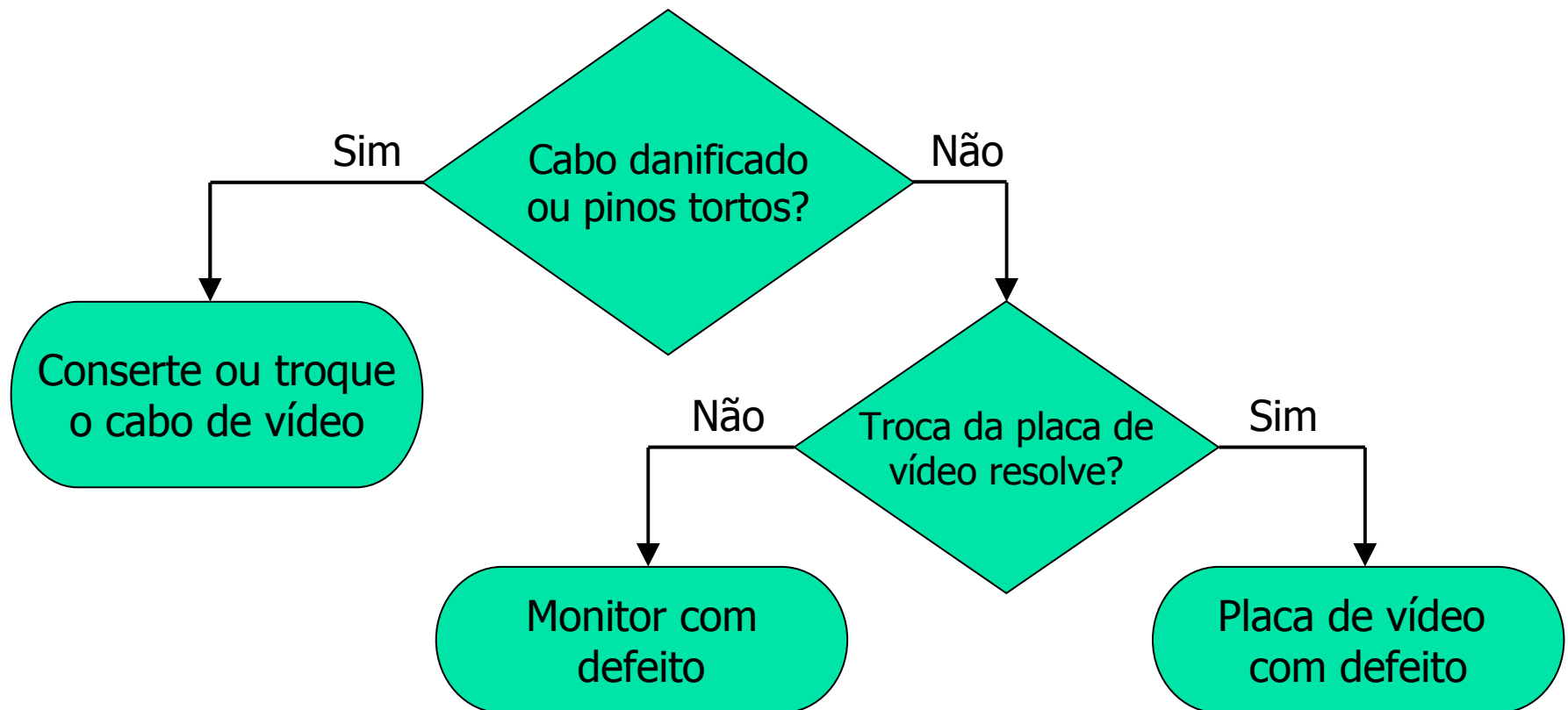
Desempenho do vídeo



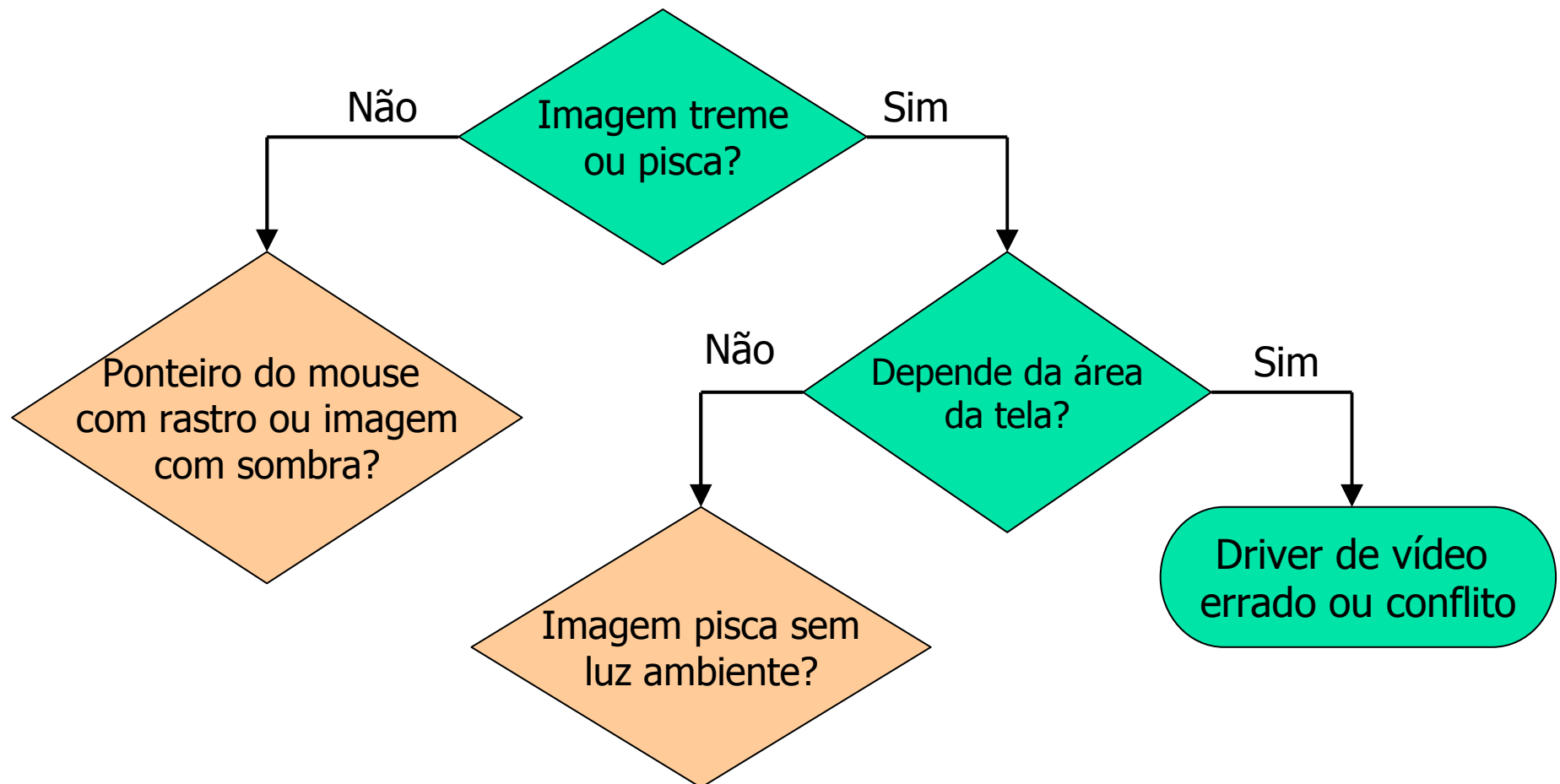
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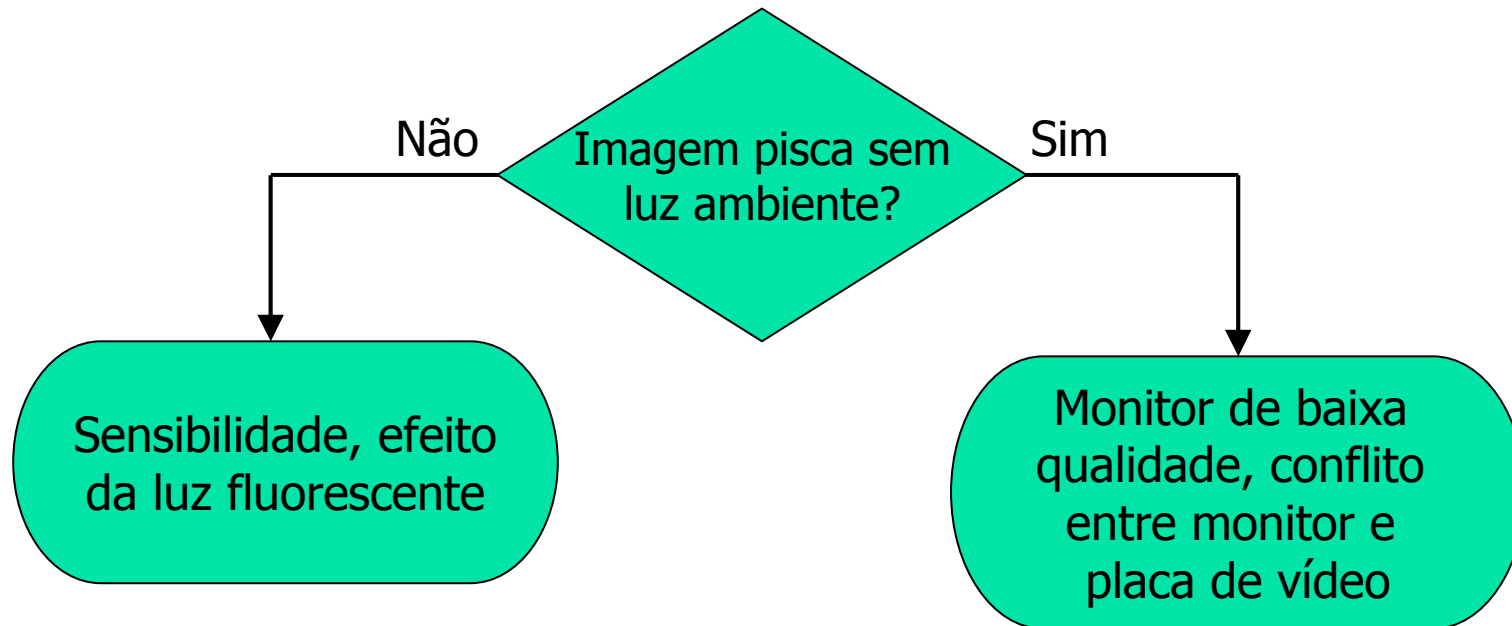
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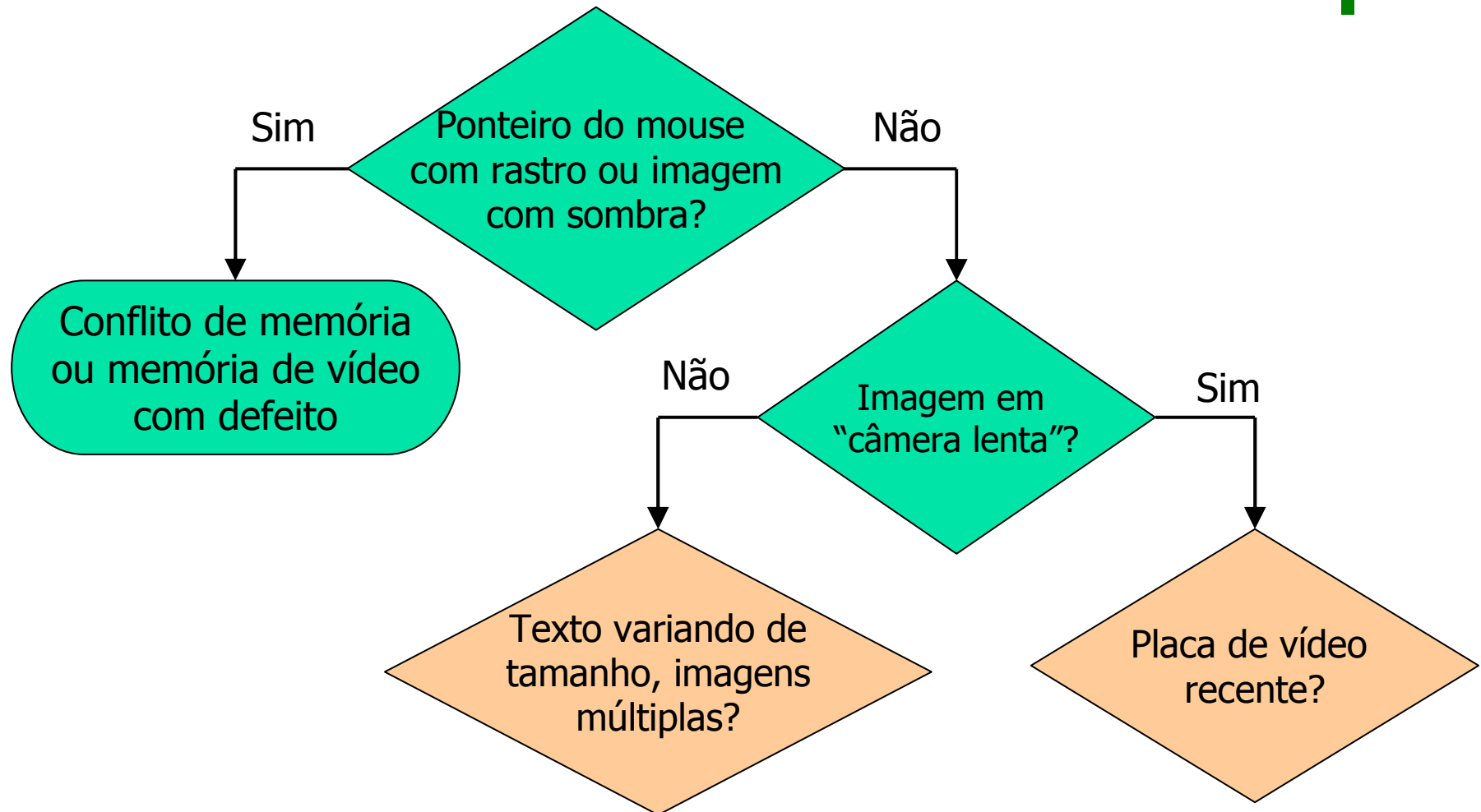
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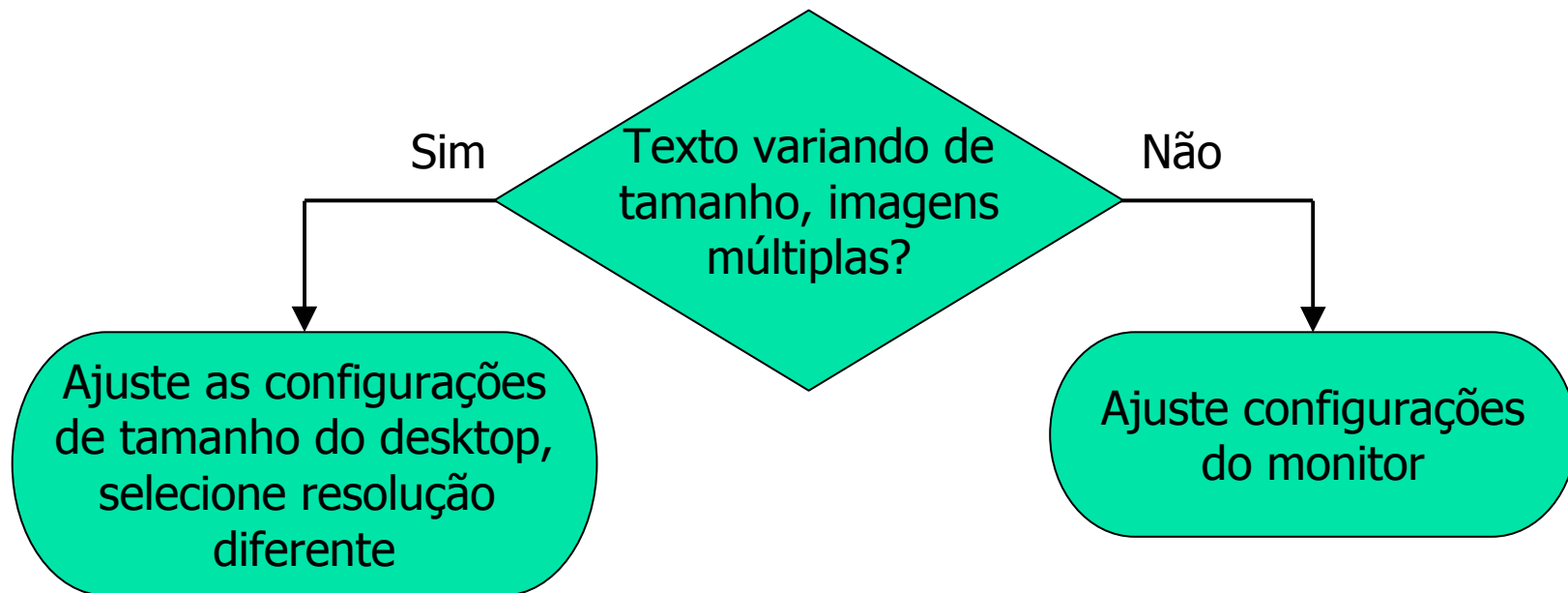
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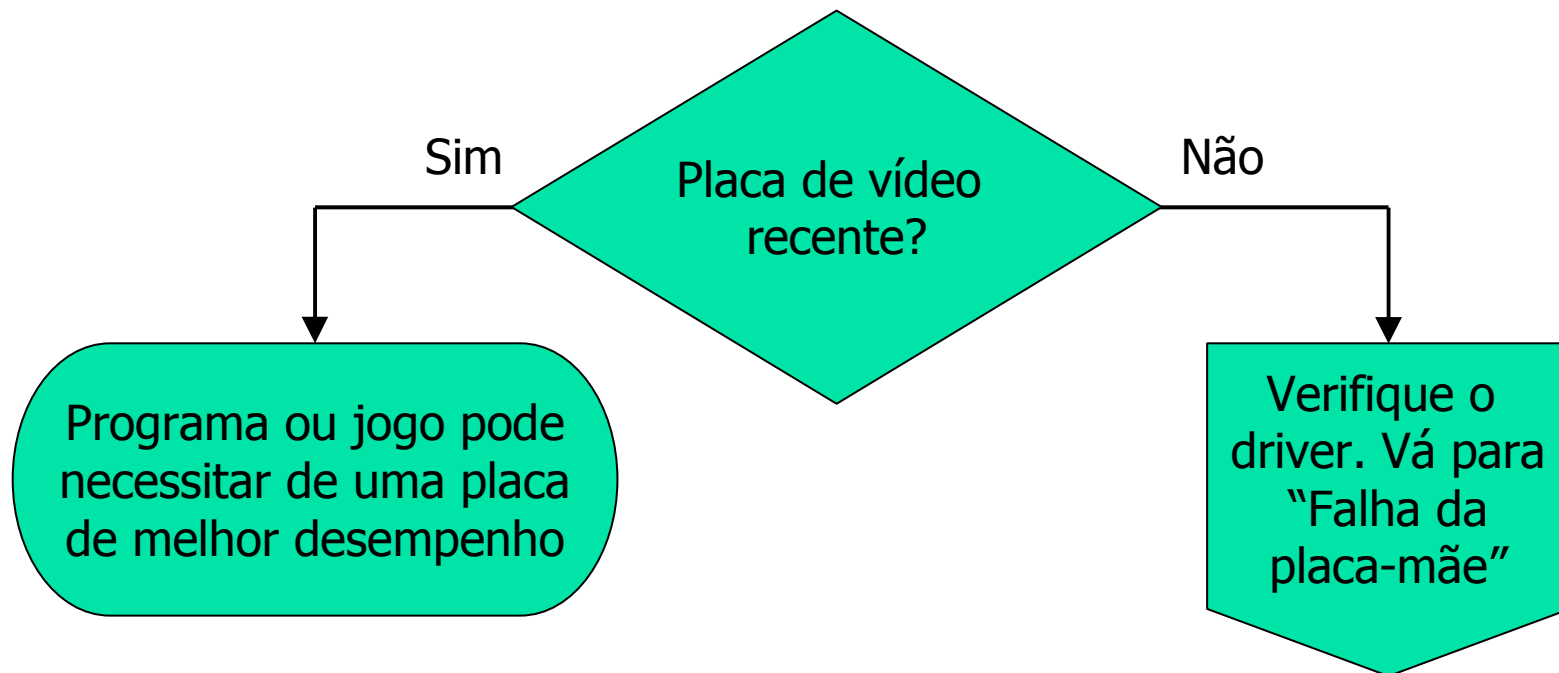
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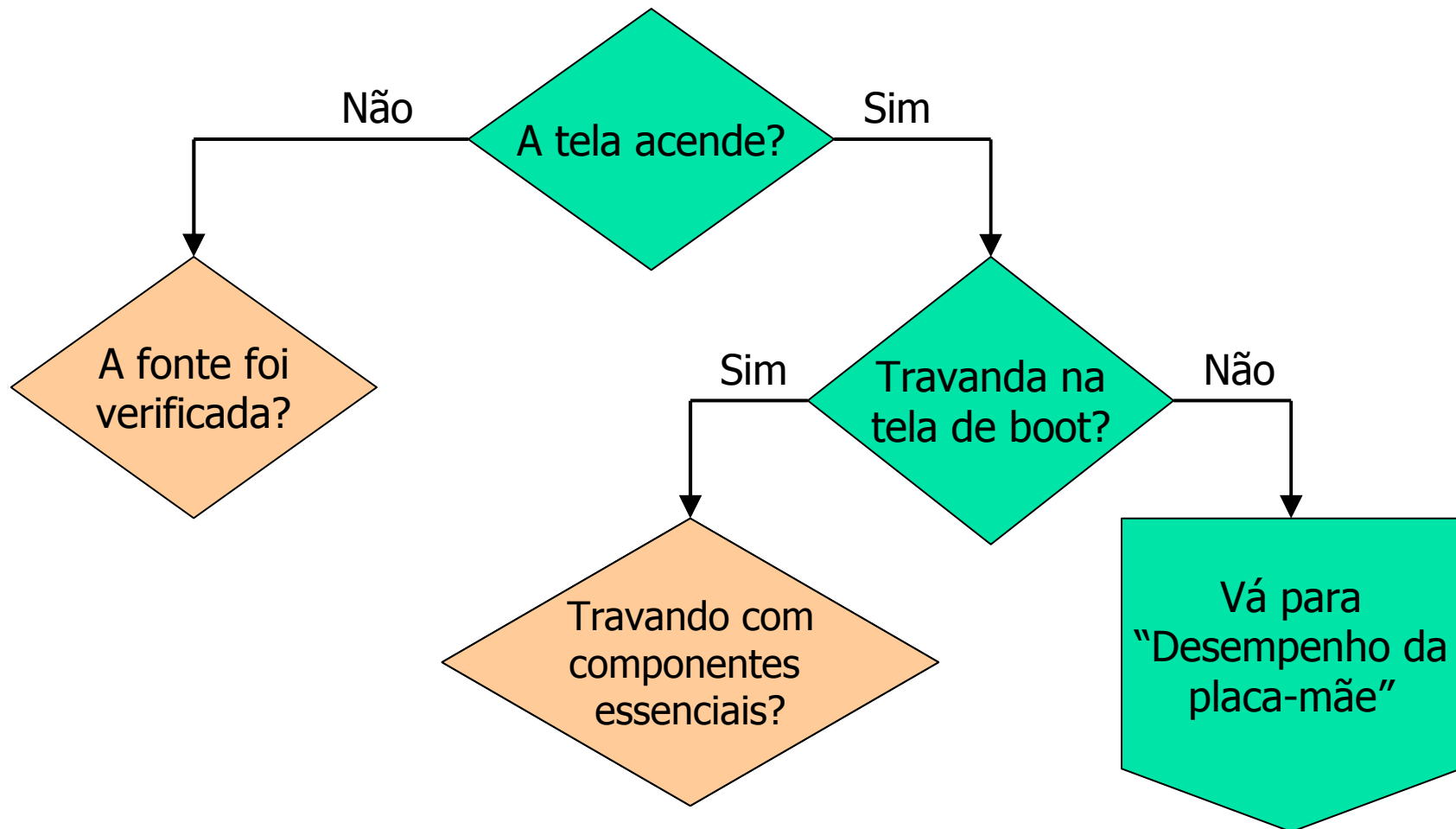
Desempenho do vídeo



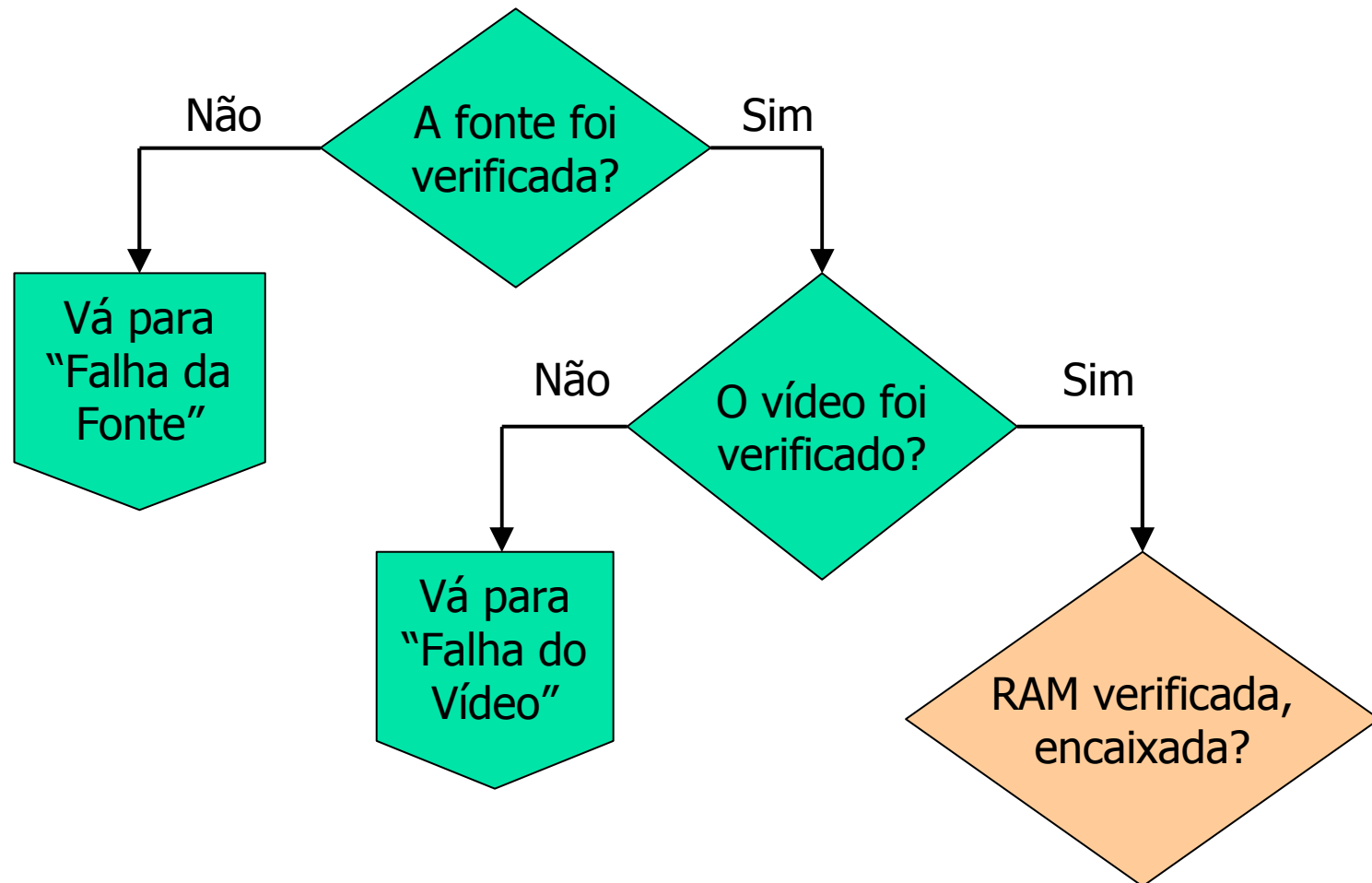
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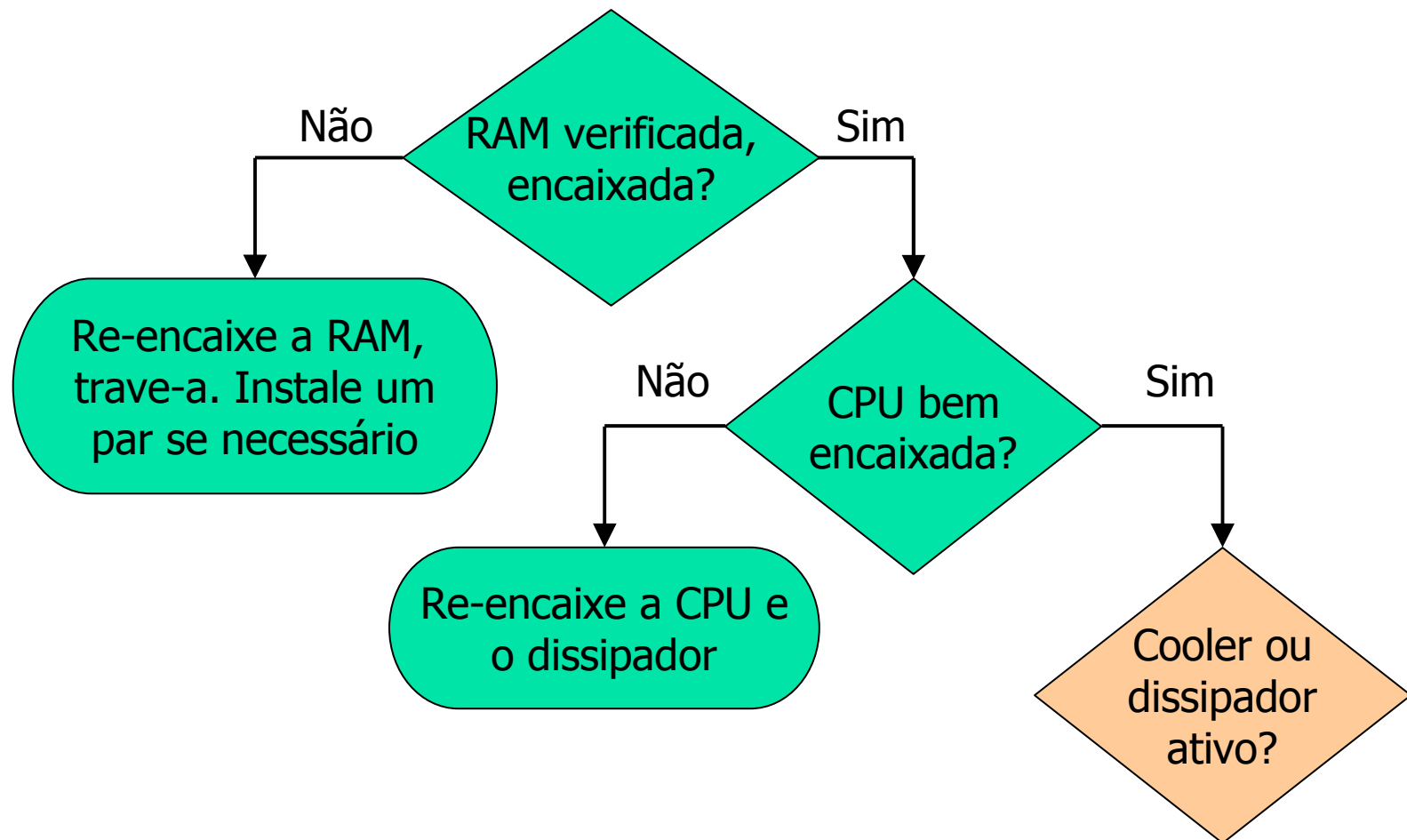
Defeito na MoBo, CPU e RAM



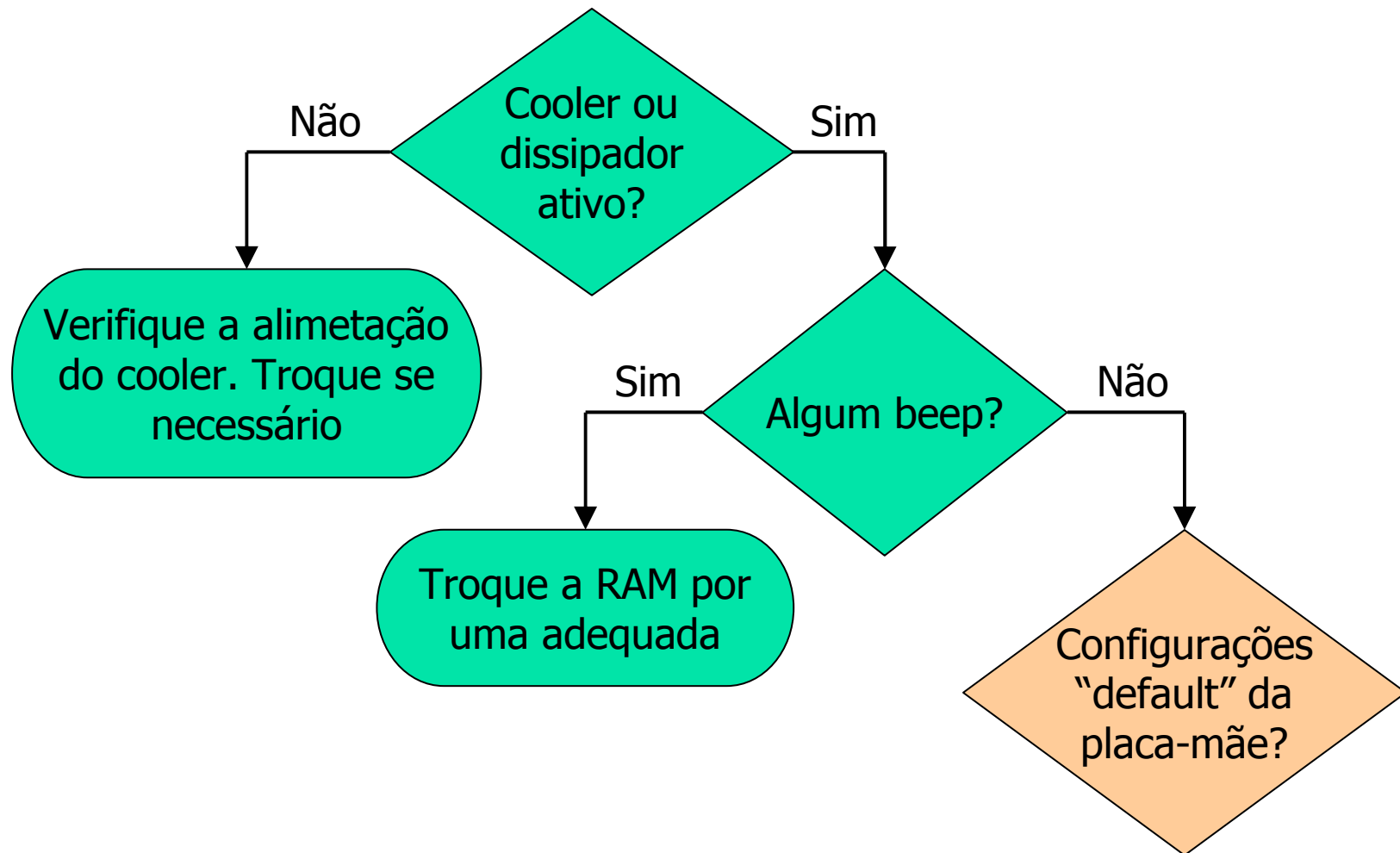
Defeito na MoBo, CPU e RAM



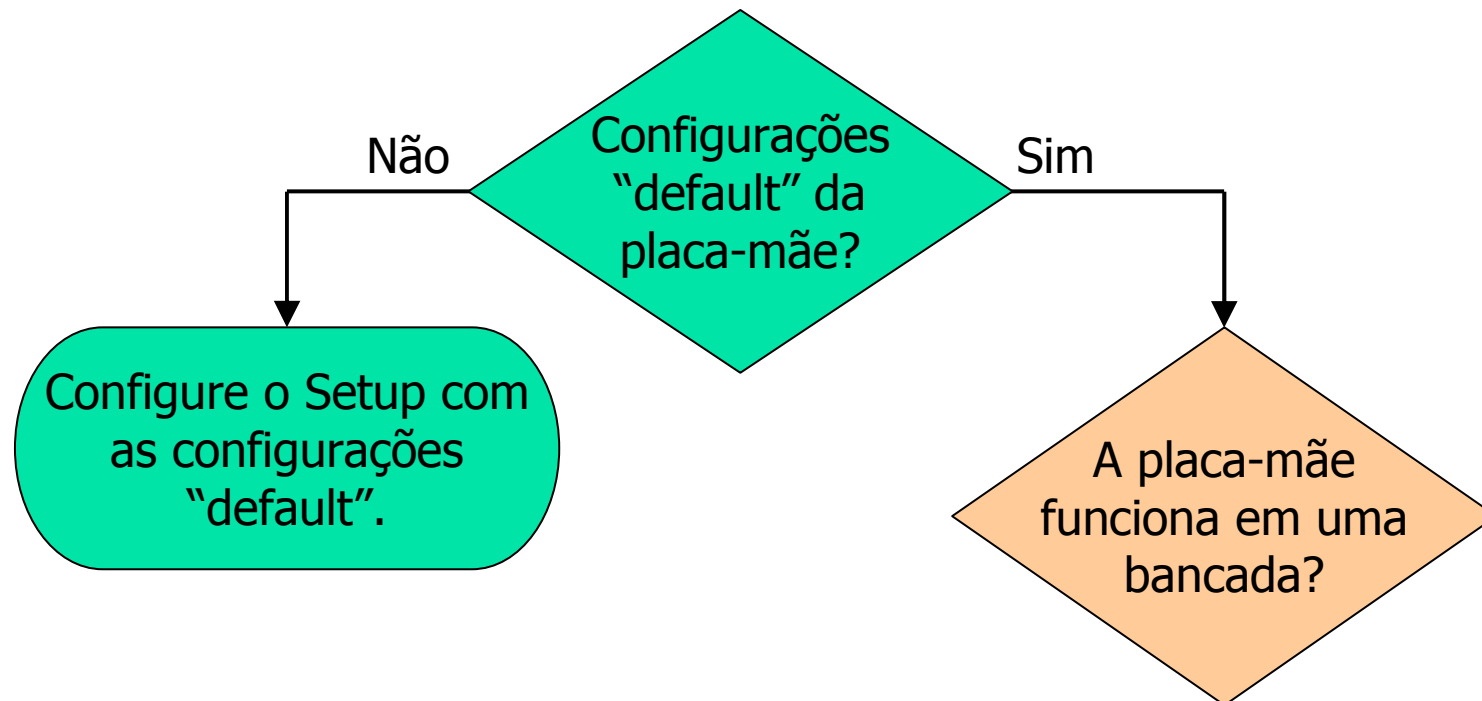
Defeito na MoBo, CPU e RAM



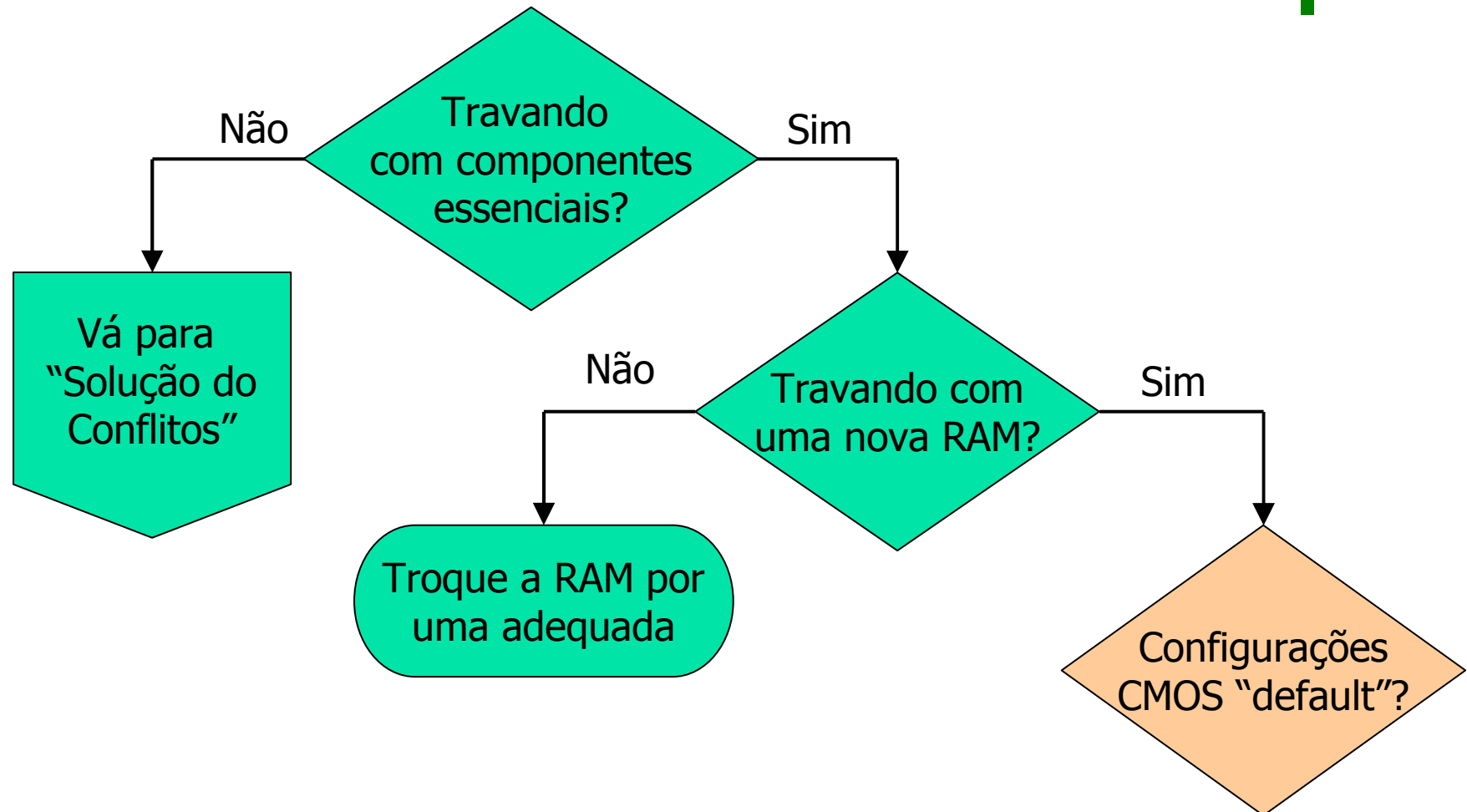
Defeito na MoBo, CPU e RAM



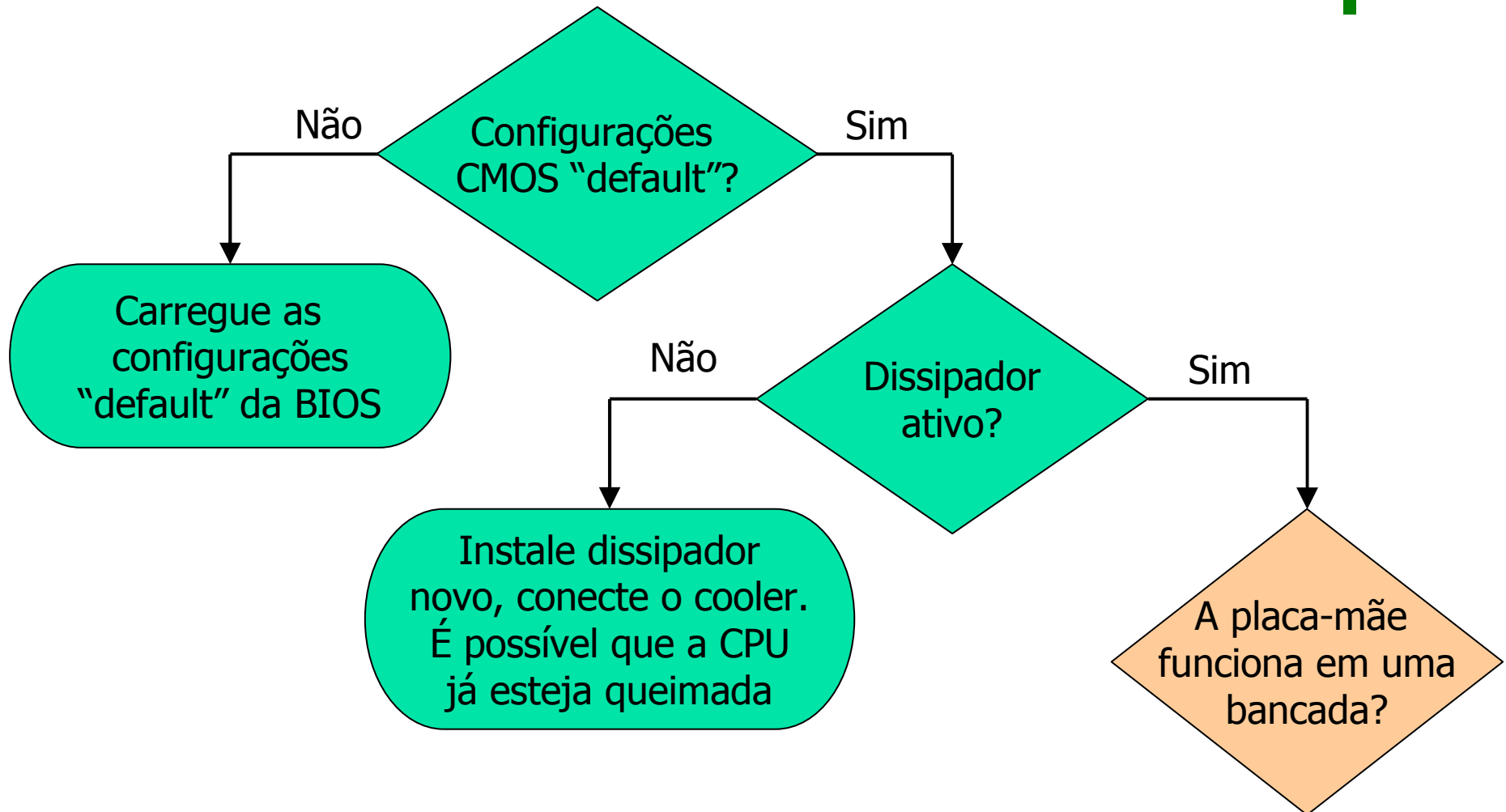
Defeito na MoBo, CPU e RAM



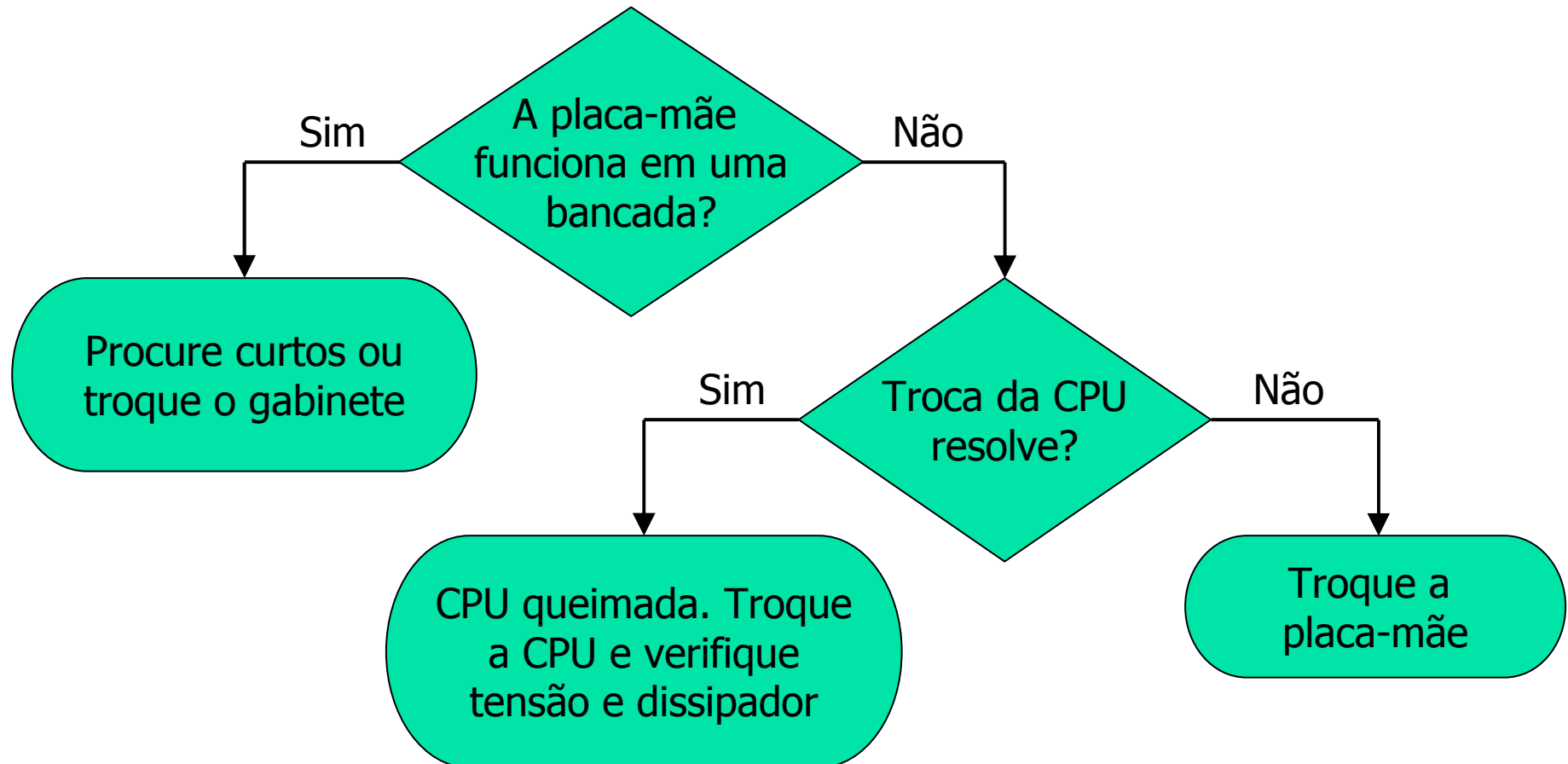
Defeito na MoBo, CPU e RAM



Defeito na MoBo, CPU e RAM



Defeito na MoBo, CPU e RAM



Defeito na MoBo, CPU e RAM



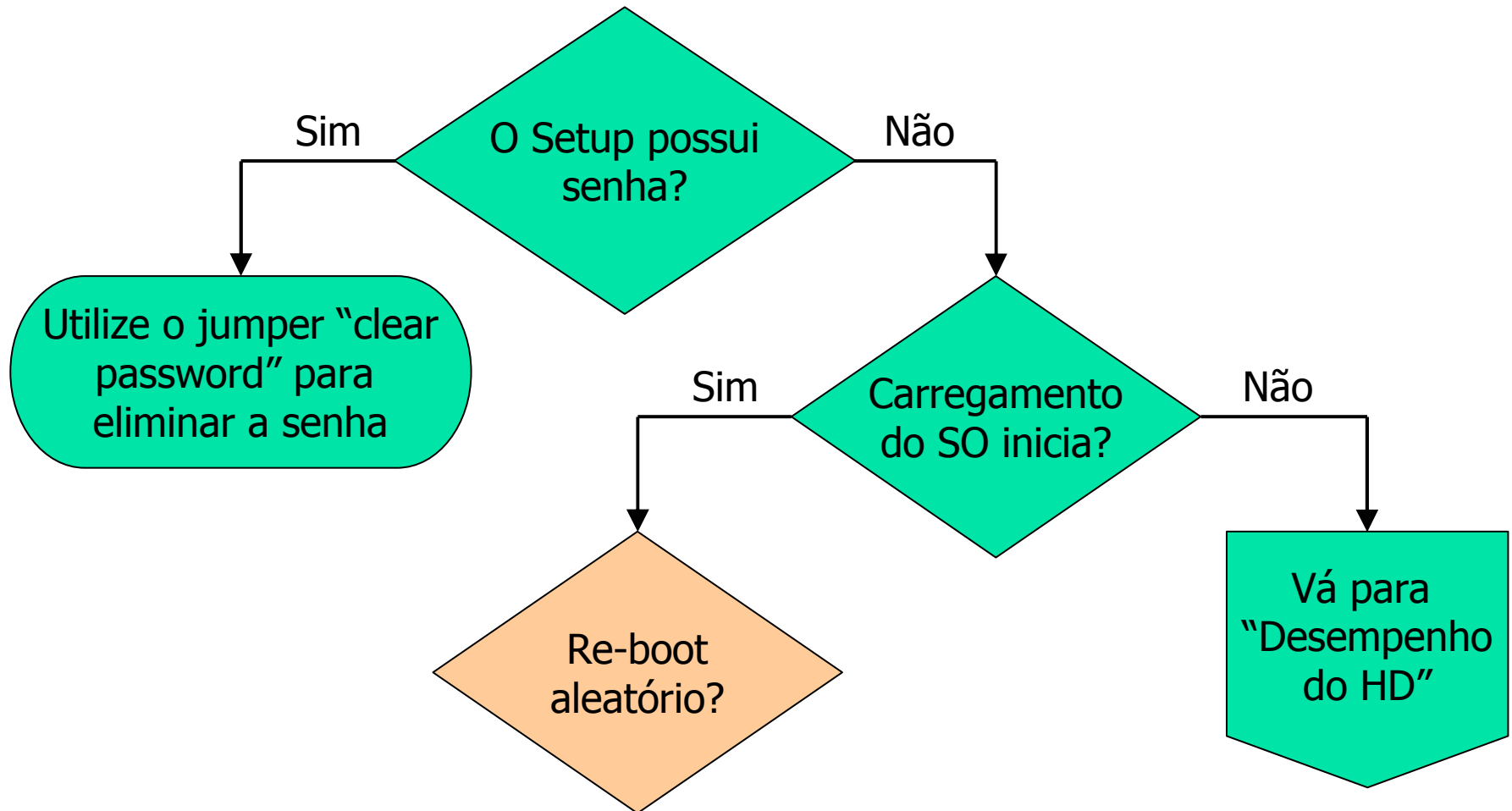
- NUNCA ignore os itens óbvios.
- Um dos defeitos mais comuns na placa-mãe é a RAM mal encaixada.
- Observe se a CPU está bem paralela a placa-mãe, é um indício que está bem encaixada.
- Observe pinos tortos na CPU.
- Um beep contínuo geralmente representa problema na RAM, enquanto que uma sequência de repetições indica RAM ou vídeo com defeito.

Defeito na MoBo, CPU e RAM

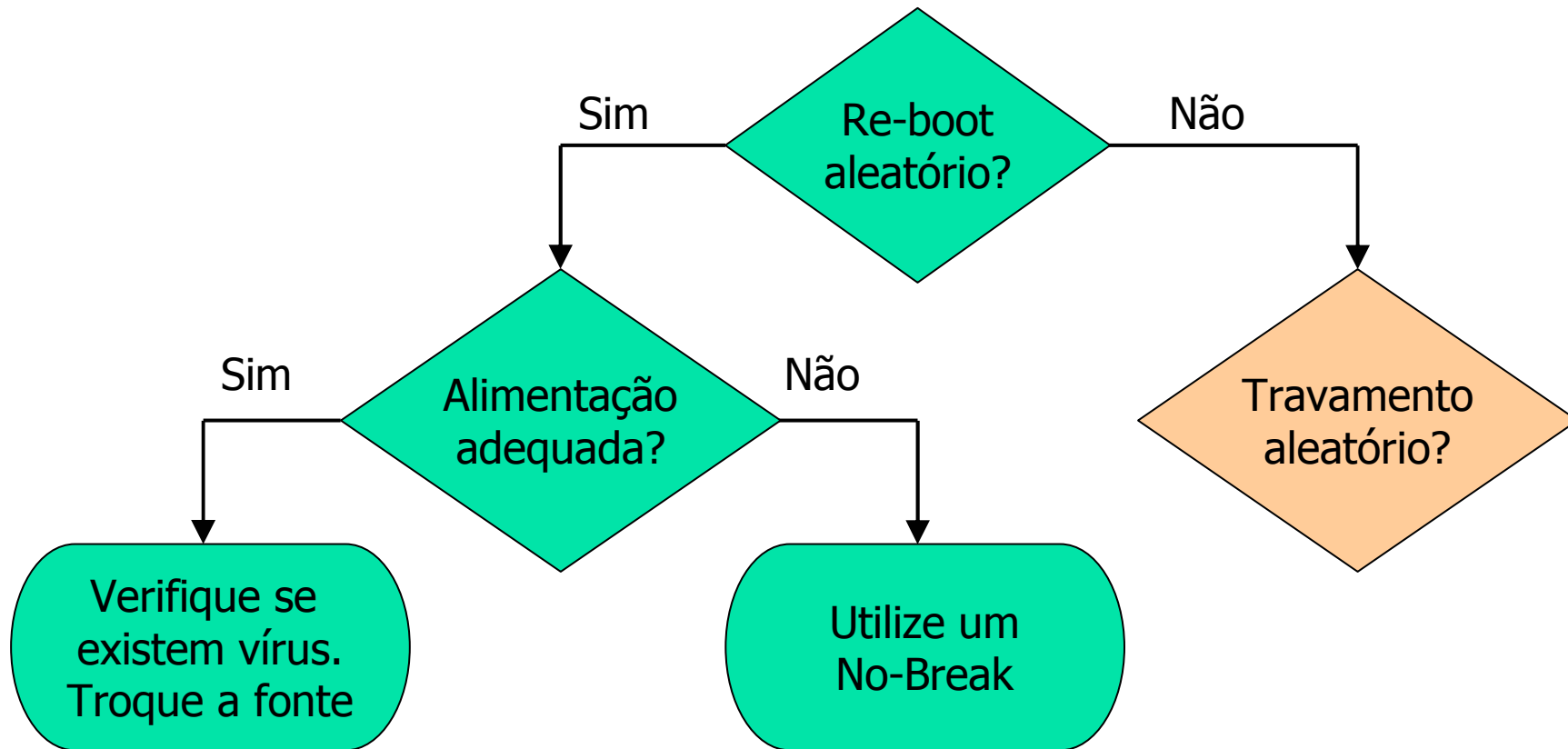


- Com Beep ou sem beep, tente sempre re-encaixar a RAM e a placa de vídeo.
- Nunca descarte uma placa-mãe antes de testá-la fora gabinete.
- Use a pasta térmica com moderação. Ela serve apenas para preencher minúsculos espaços entre a CPU e dissipador.
- A CPU pode queimar em segundos sem um dissipador. Não ligue o PC sem ele.

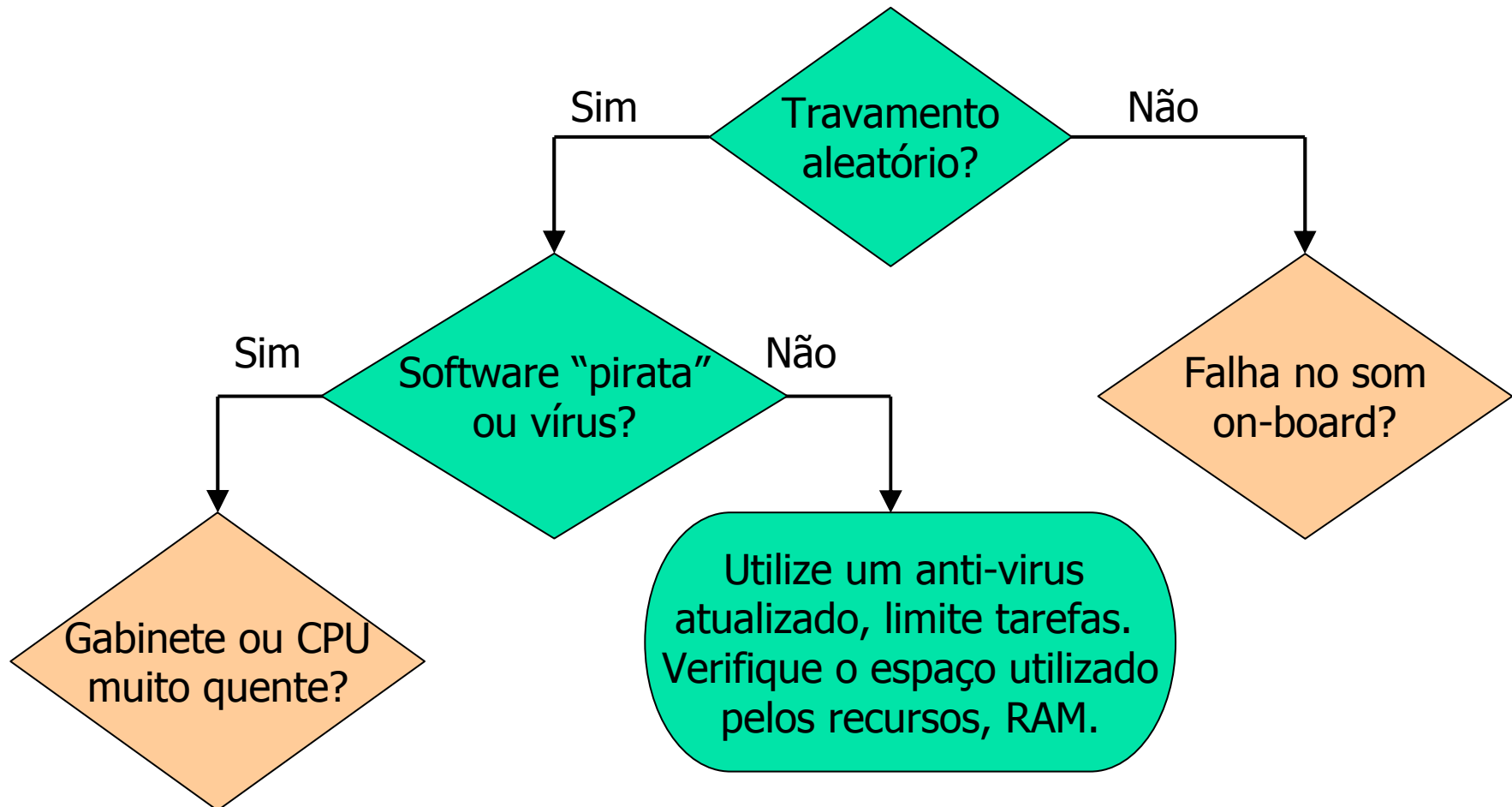
Desempenho da MoBo, CPU e RAM



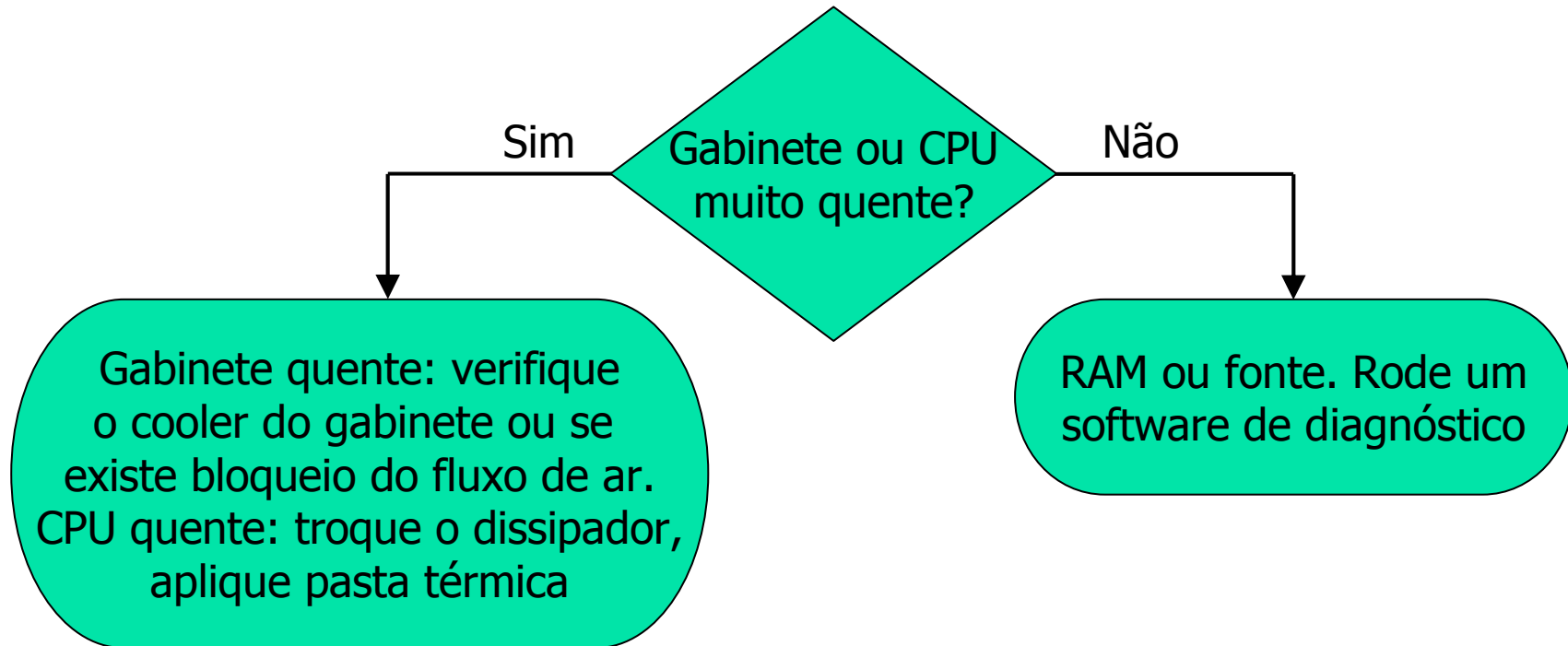
Desempenho da MoBo, CPU e RAM



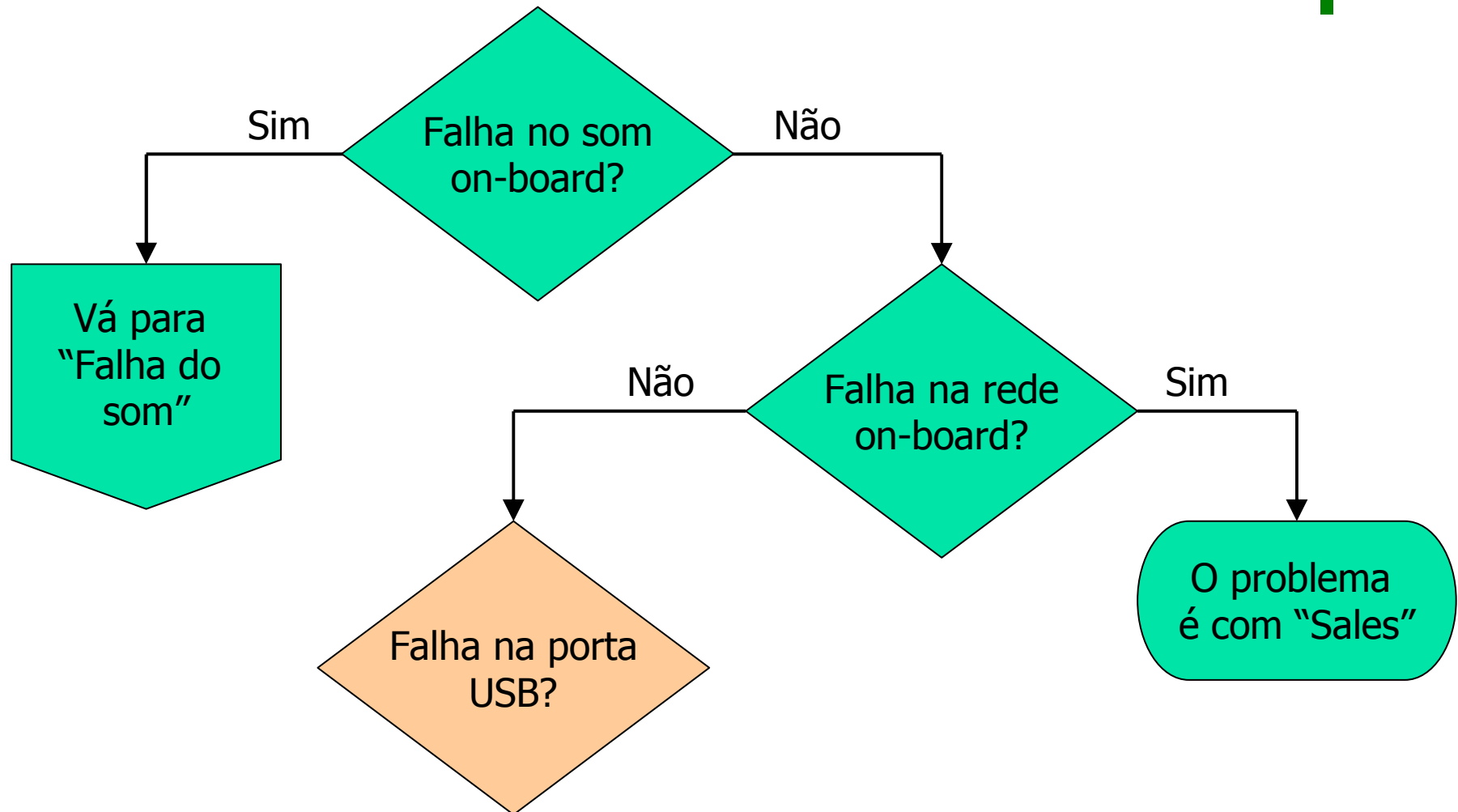
Desempenho da MoBo, CPU e RAM



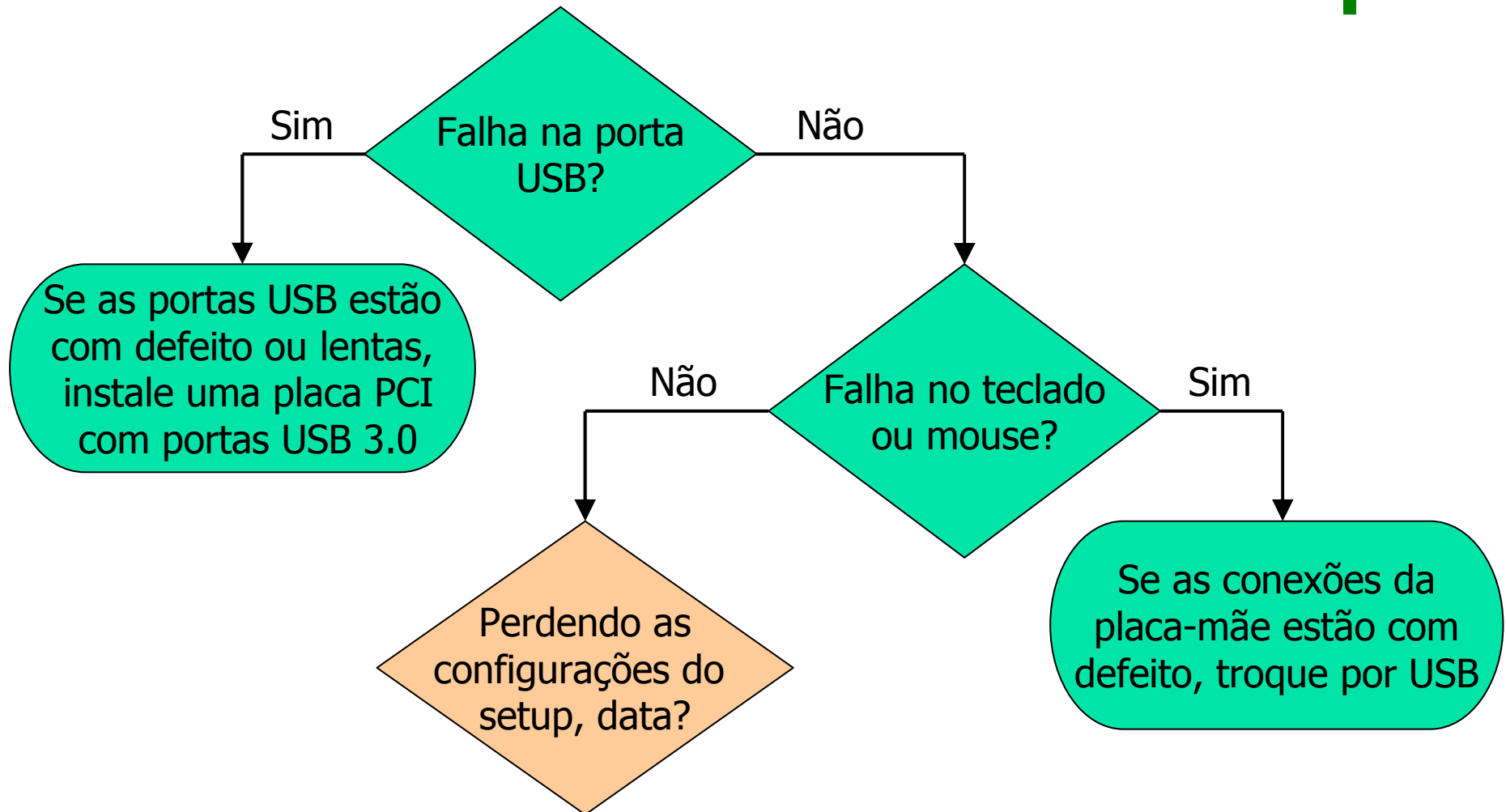
Desempenho da MoBo, CPU e RAM



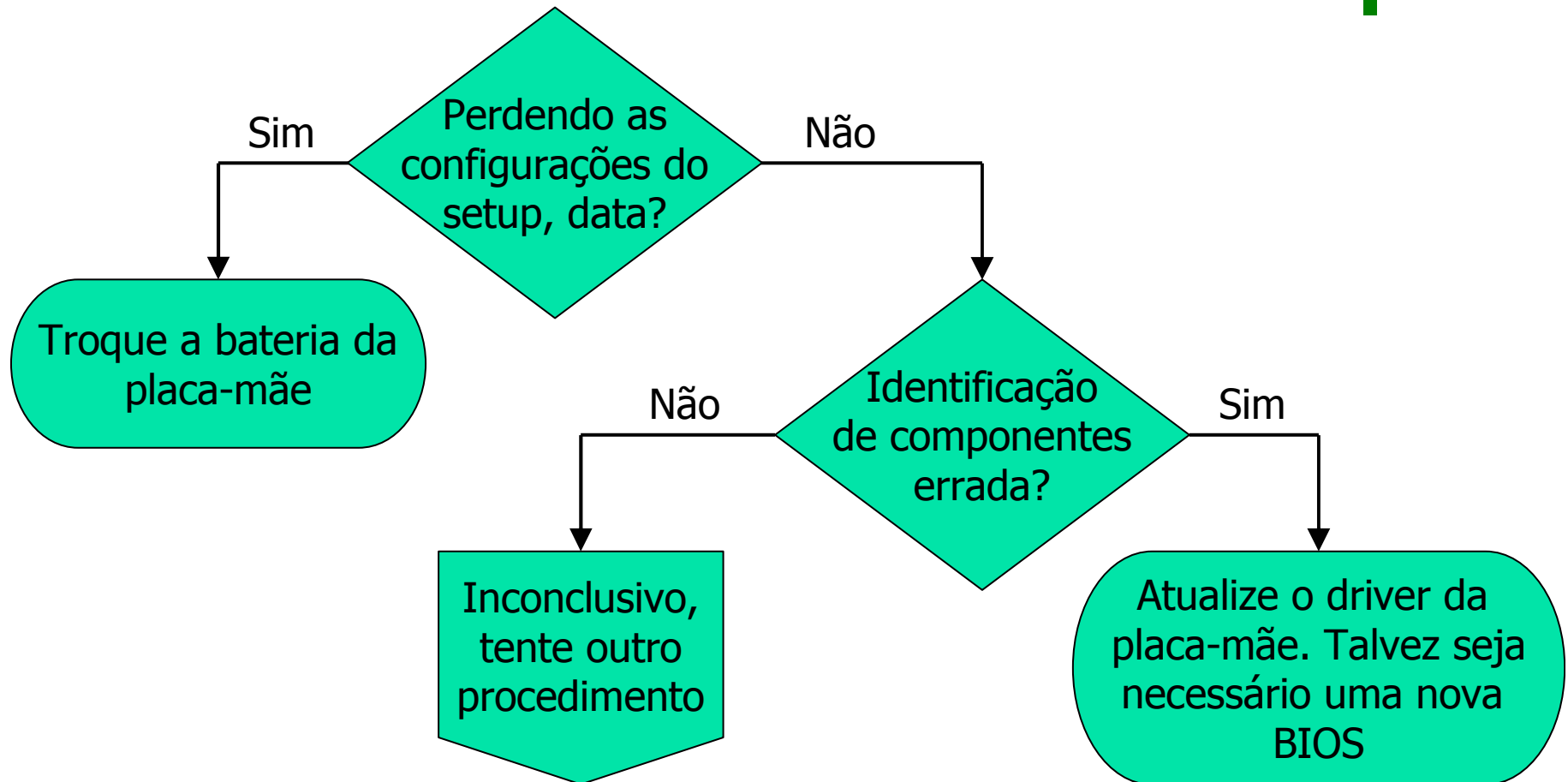
Desempenho da MoBo, CPU e RAM



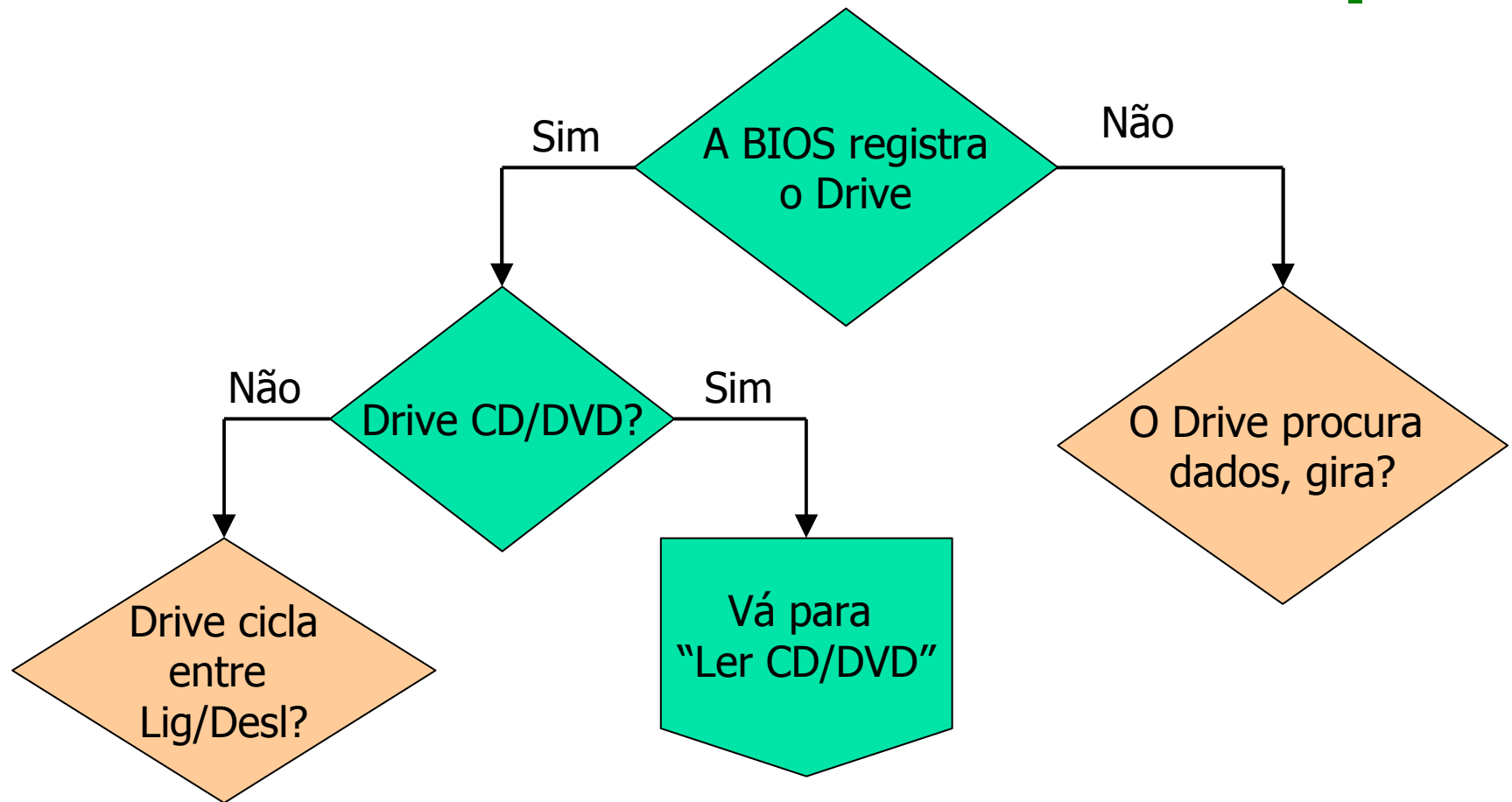
Desempenho da MoBo, CPU e RAM



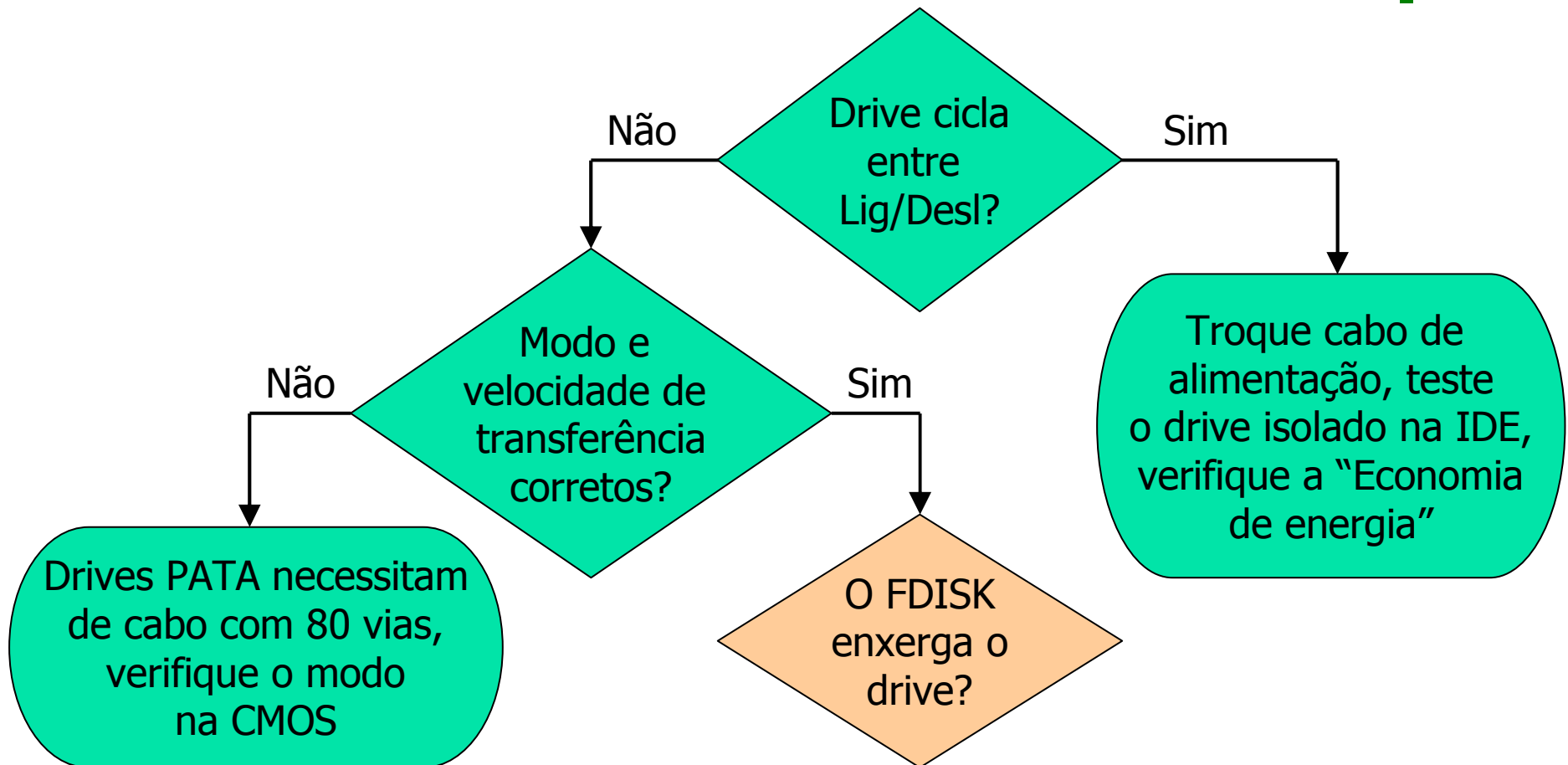
Desempenho da MoBo, CPU e RAM



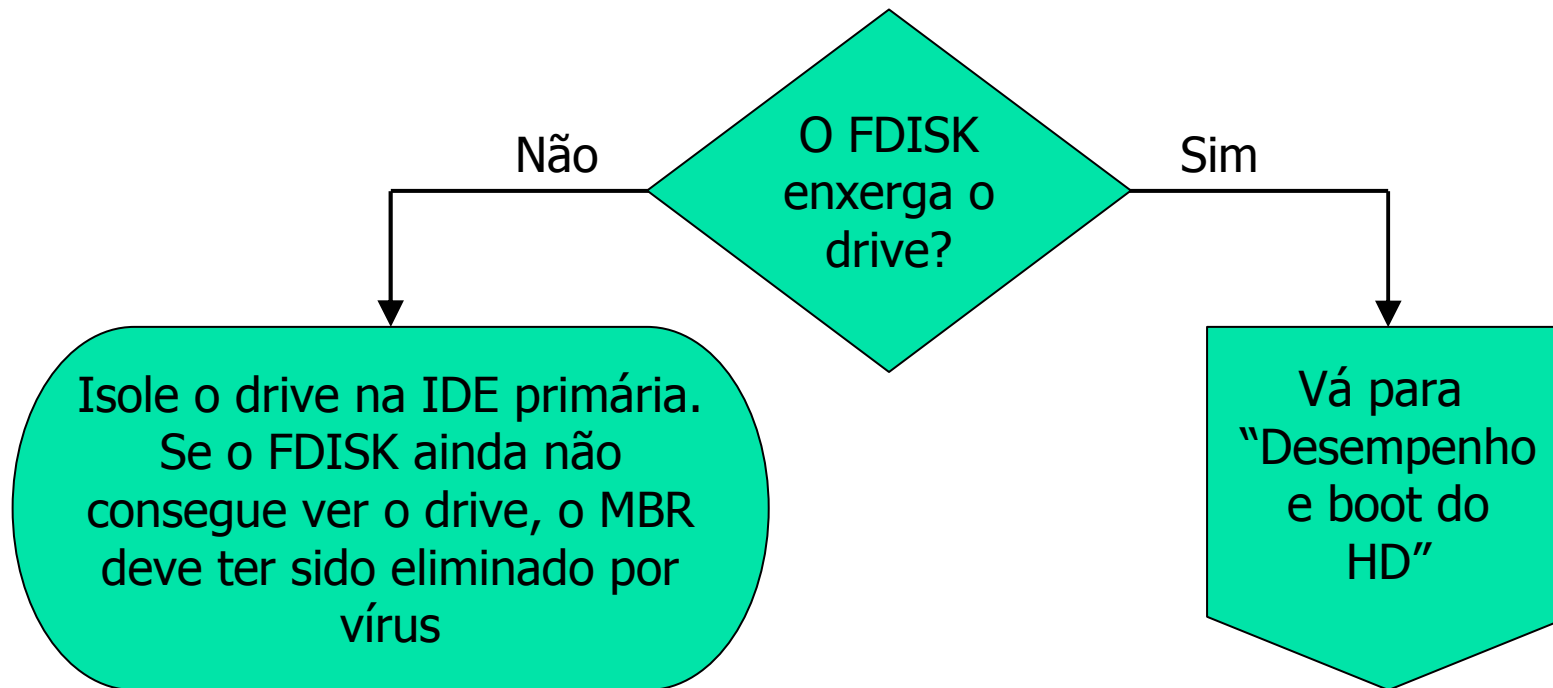
Falha no Drive ATA



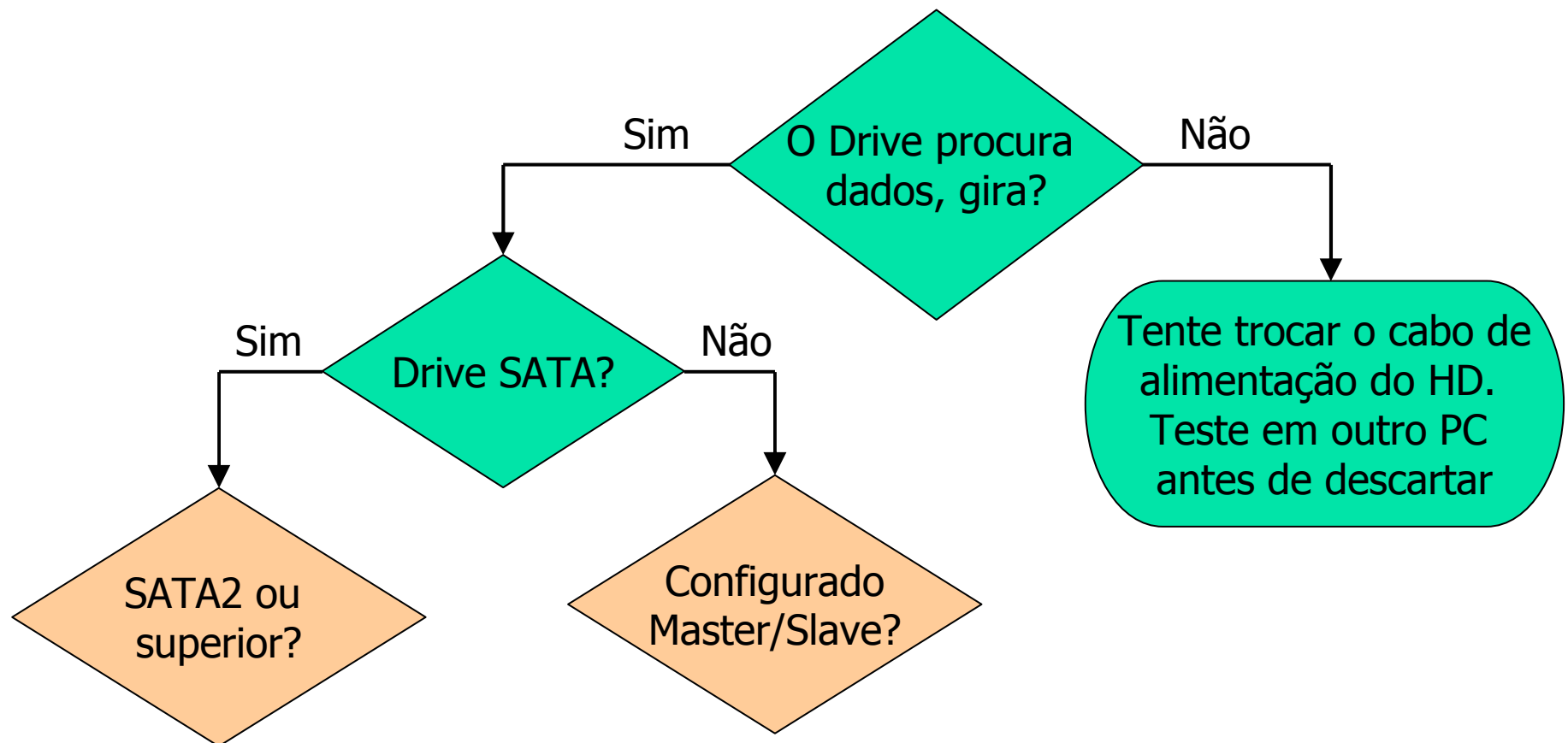
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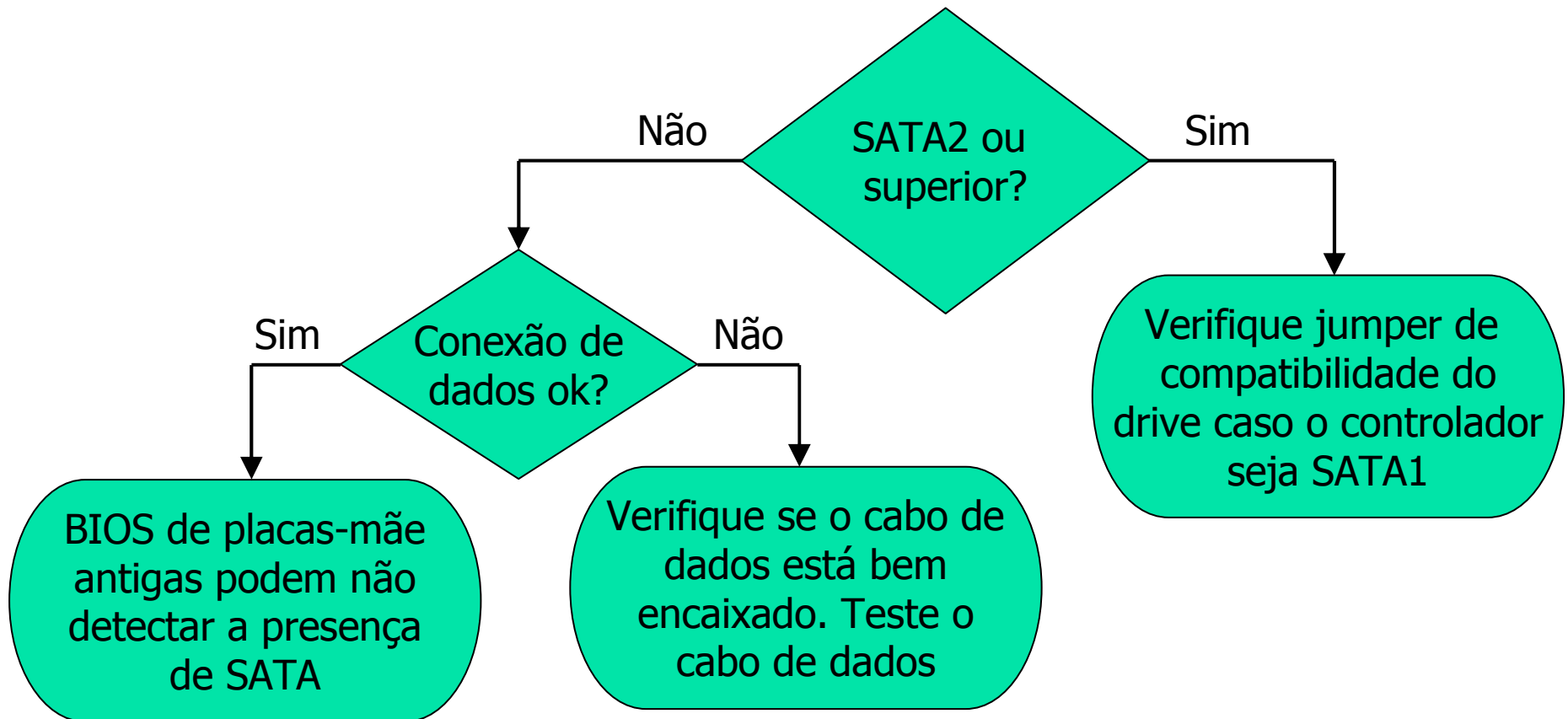
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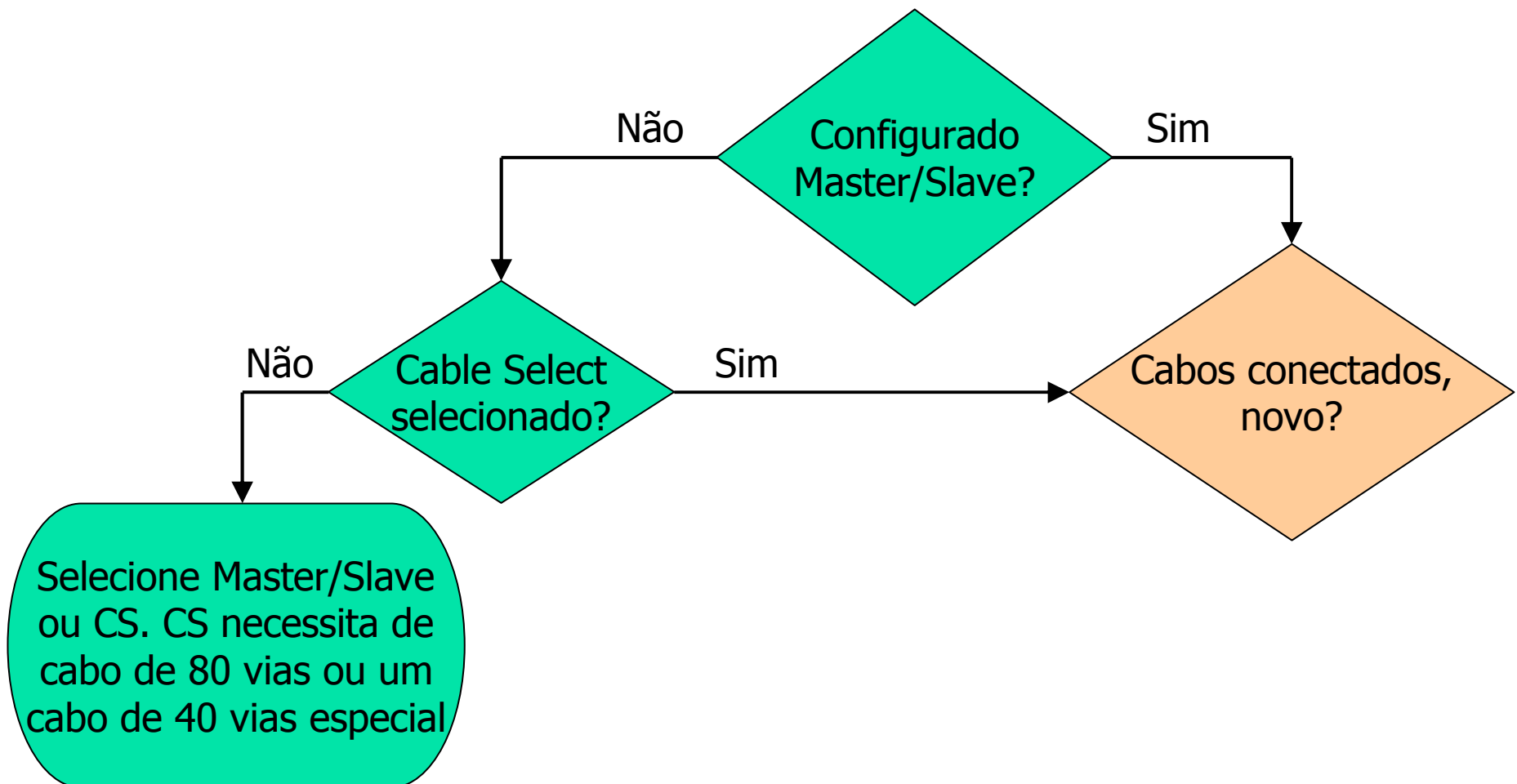
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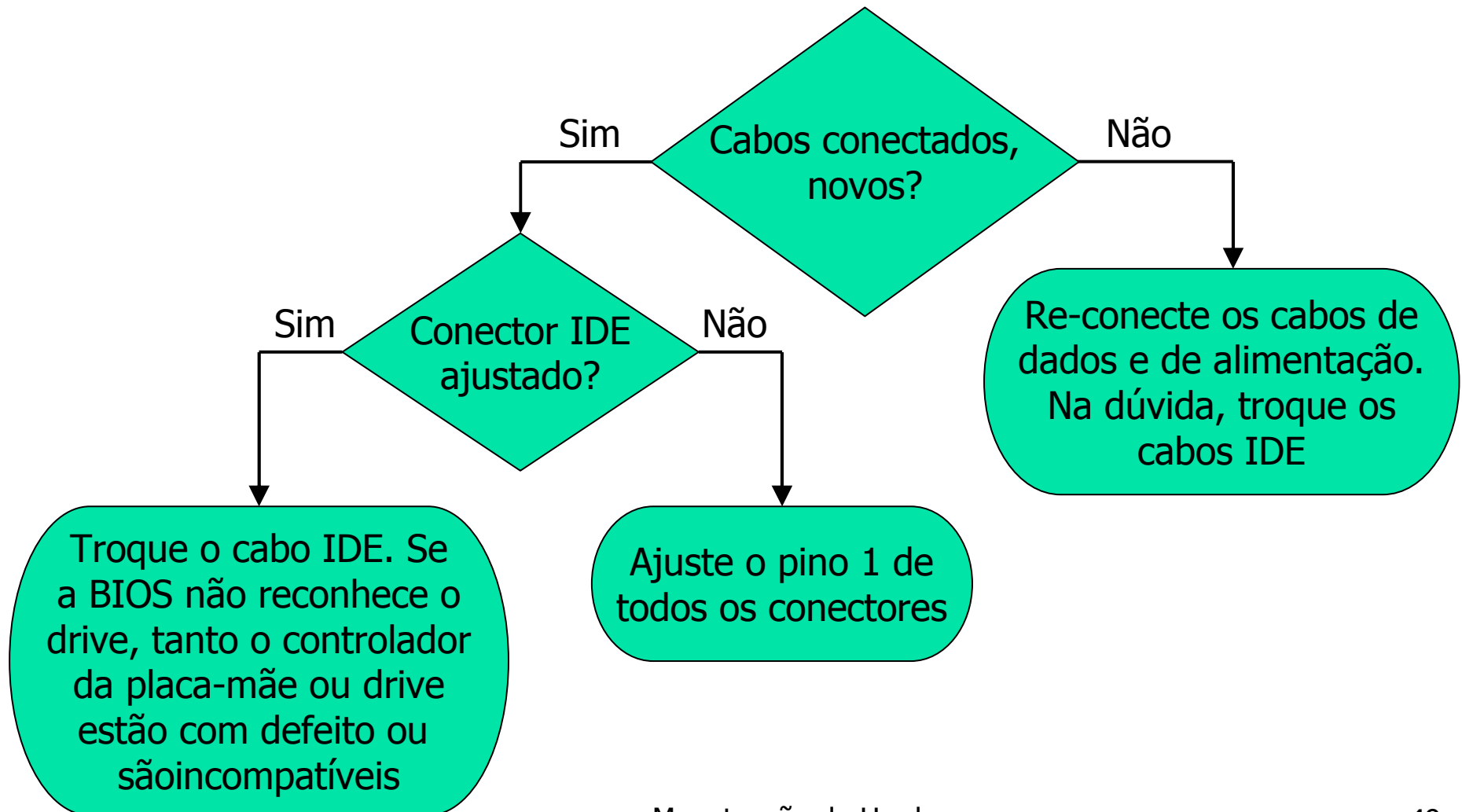
Falha no Drive ATA



Falha no Drive ATA



Falha no Drive ATA

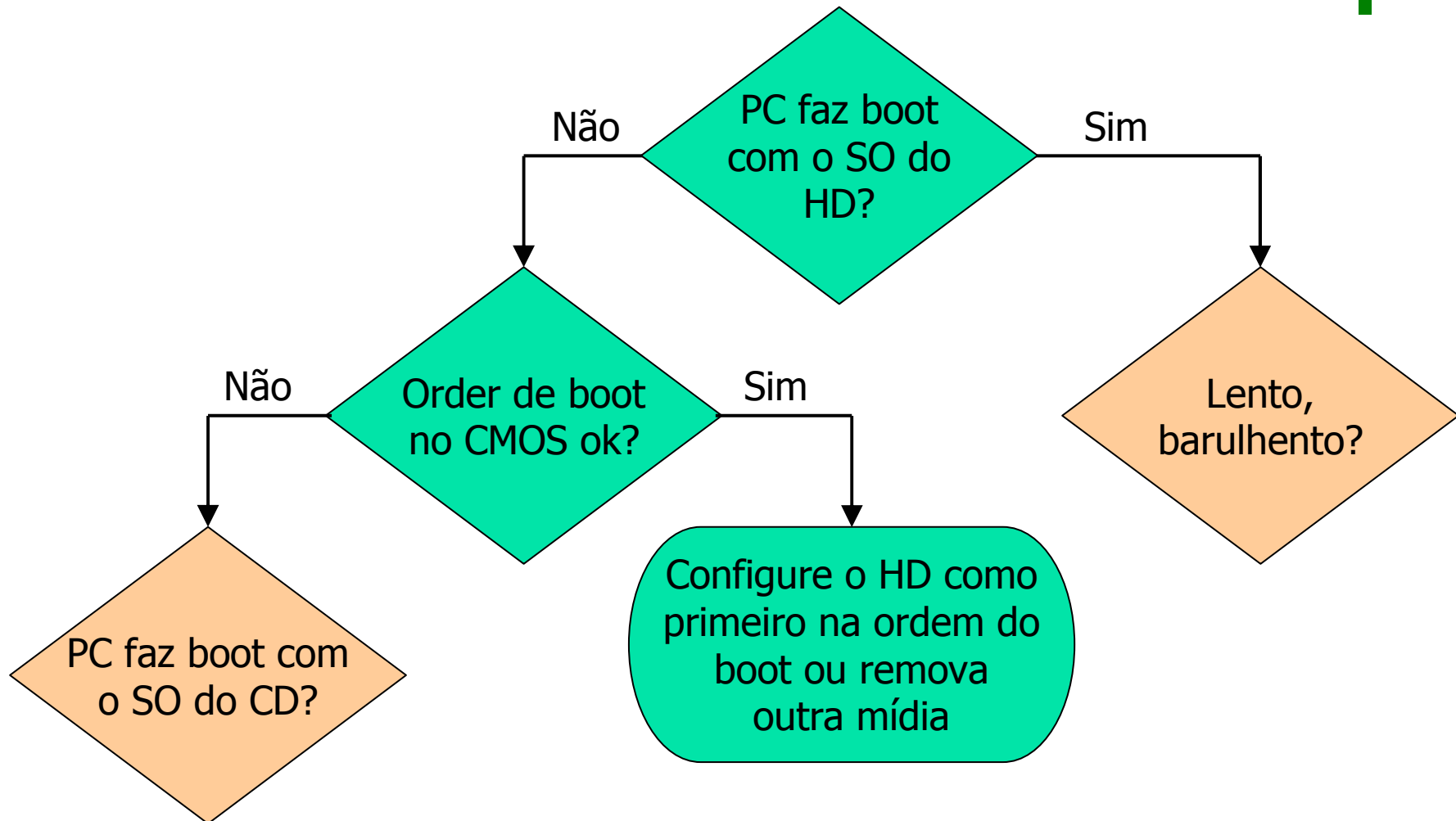


Falha no Drive ATA

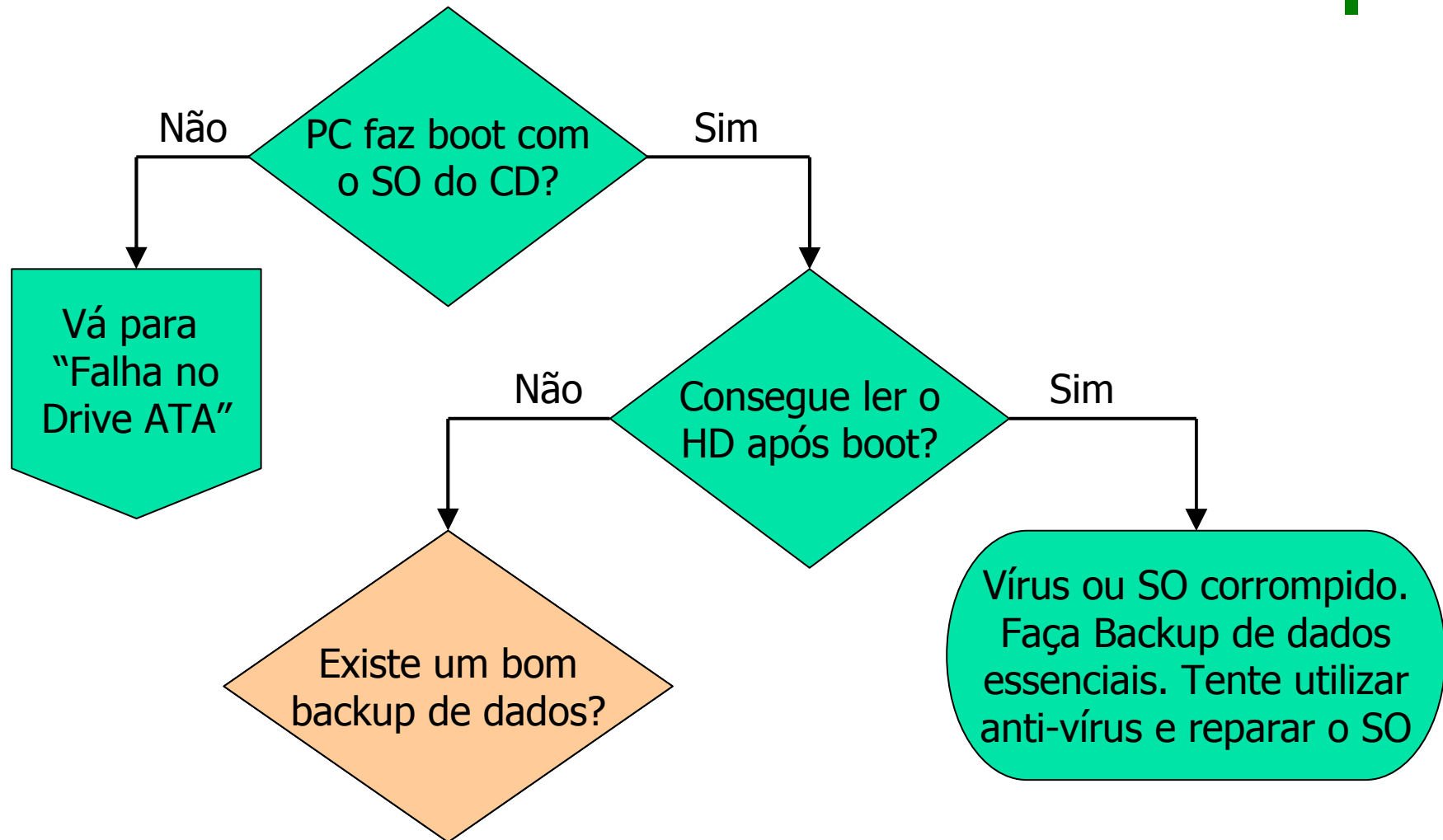


- Para verificar se o HD está girando, tente rotacionar. Haverá uma resistência à rotação devido ao efeito giroscópio. Teste com moderação.
- Cabo para Cable Select (CS):
 - 80 vias
 - Conector IDE da placa-mãe: Azul
 - Conector Slave: Cinza
 - Conector Master: Preto

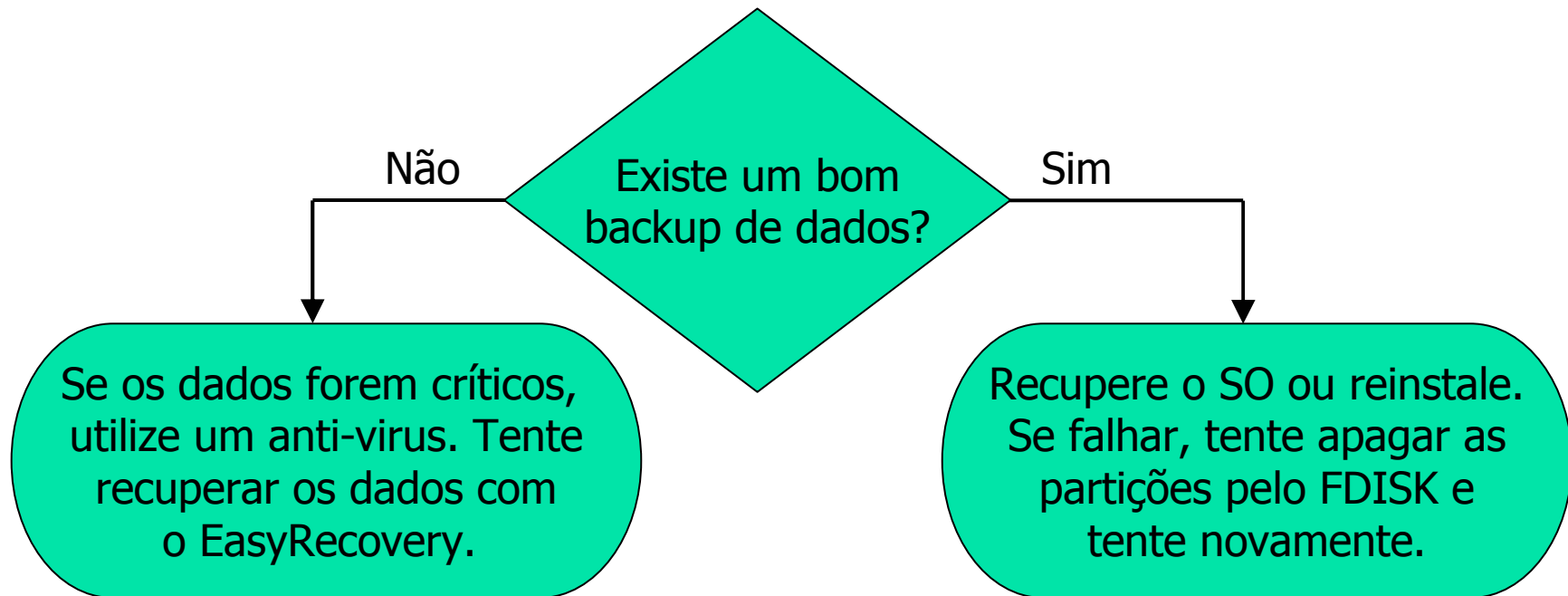
Desempenho e Boot do HD



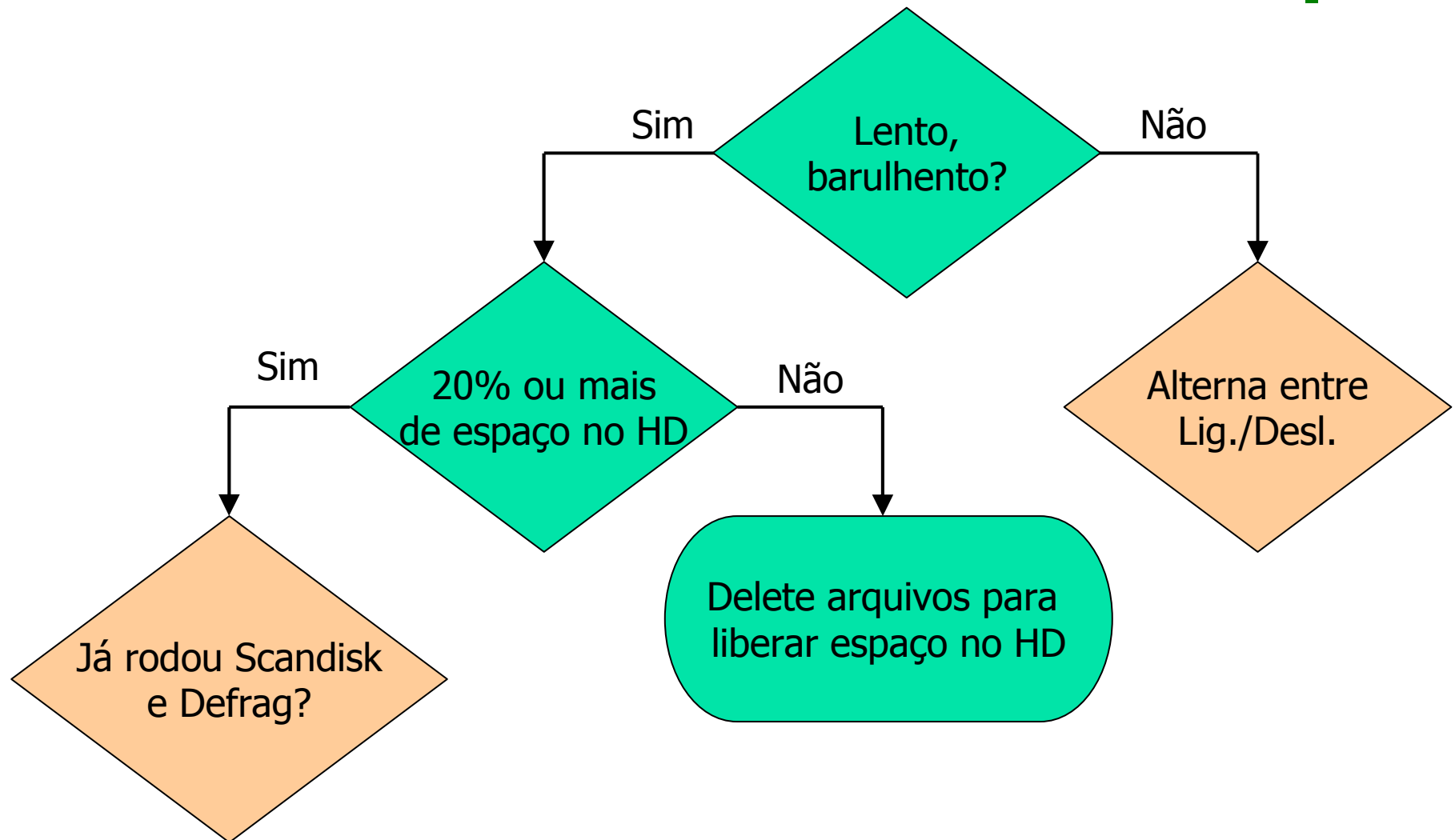
Desempenho e Boot do HD



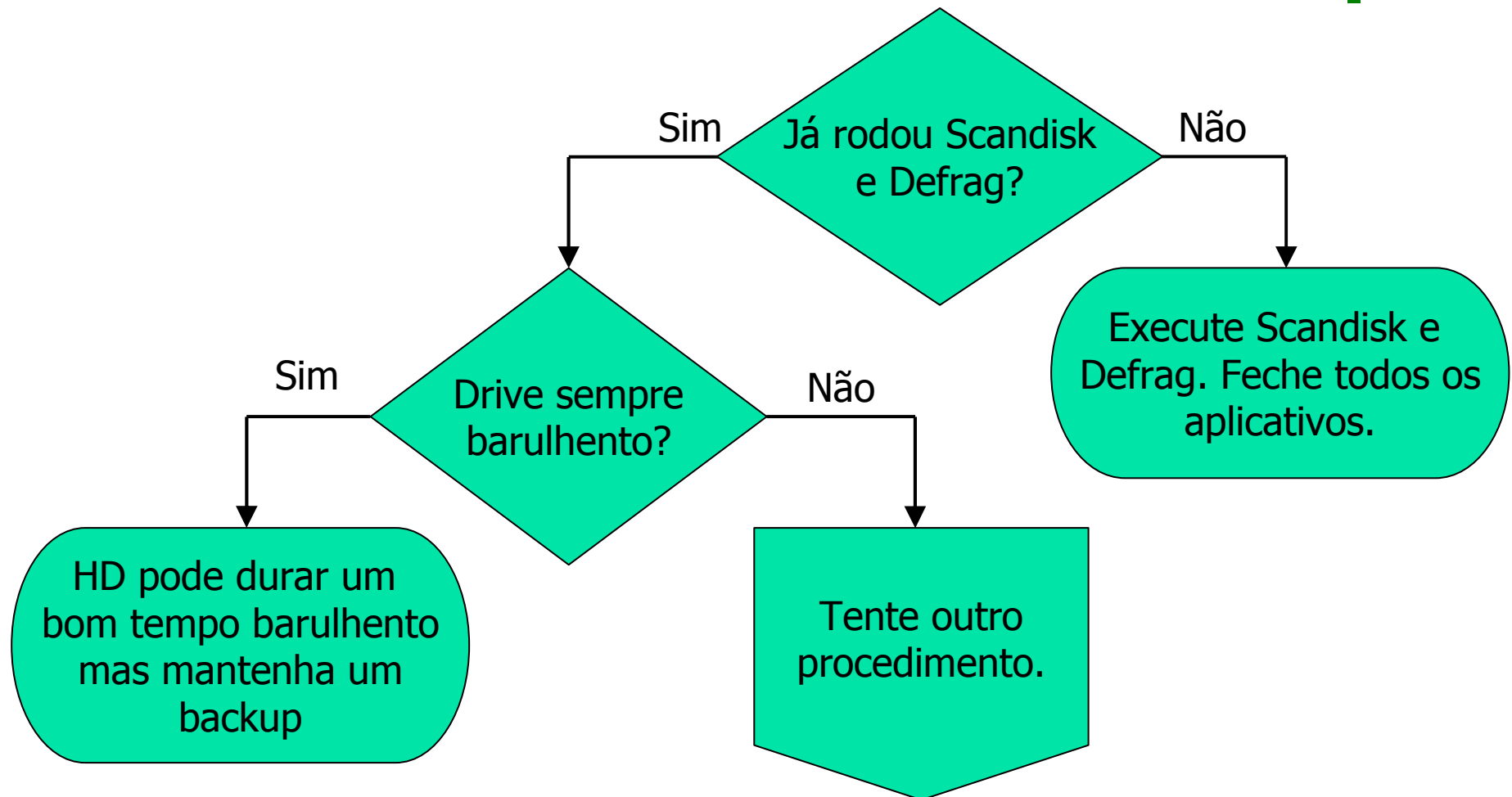
Desempenho e Boot do HD



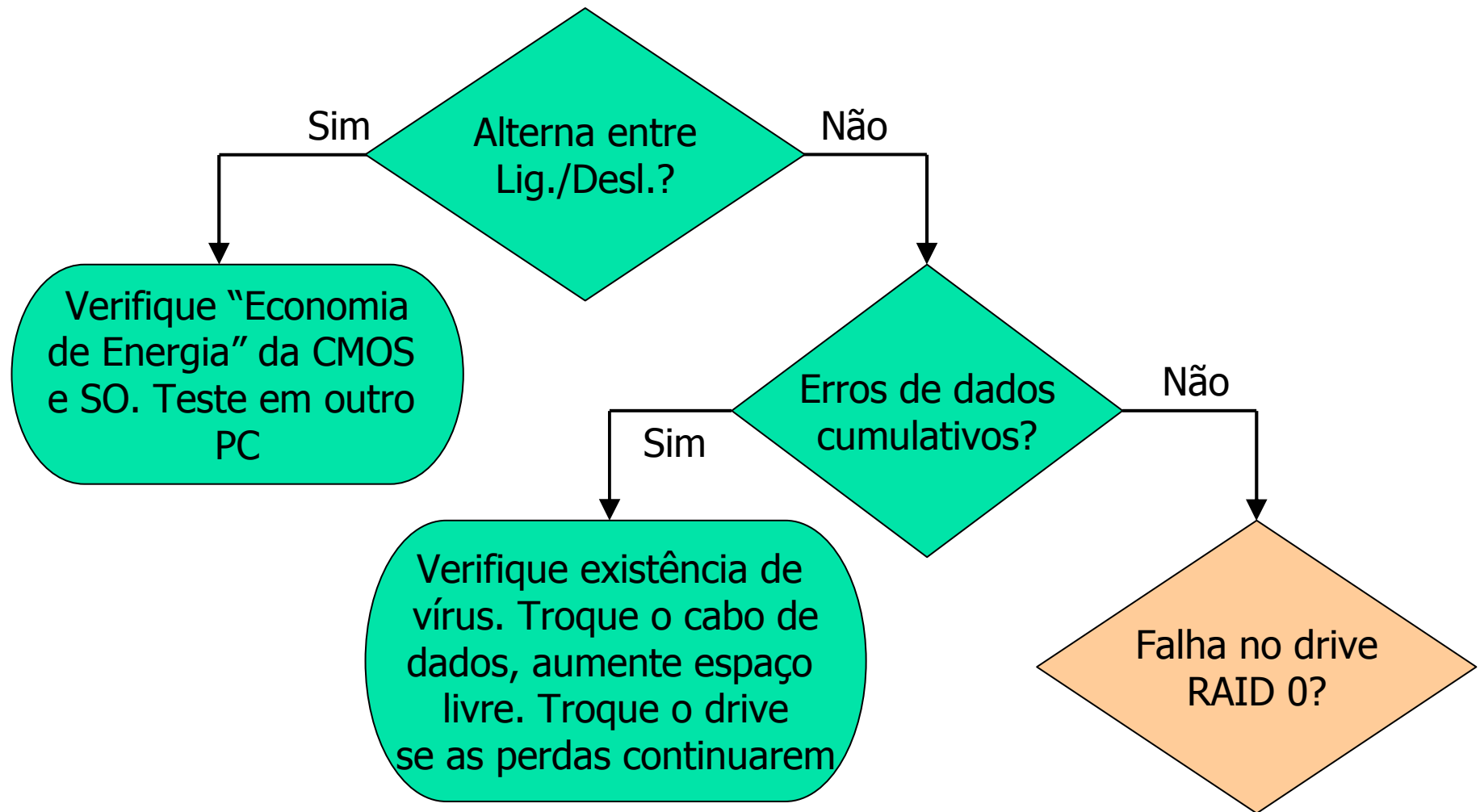
Desempenho e Boot do HD



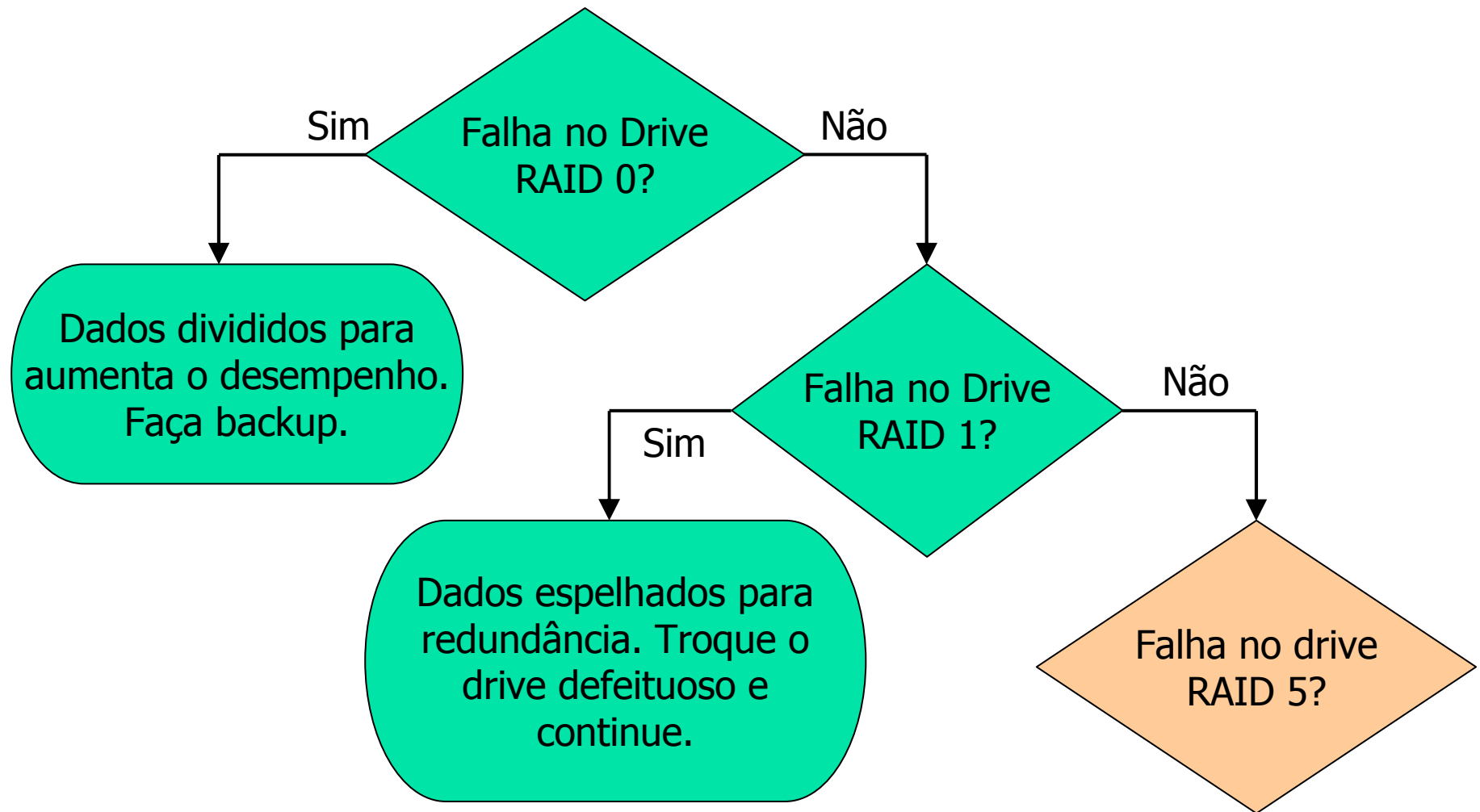
Desempenho e Boot do HD



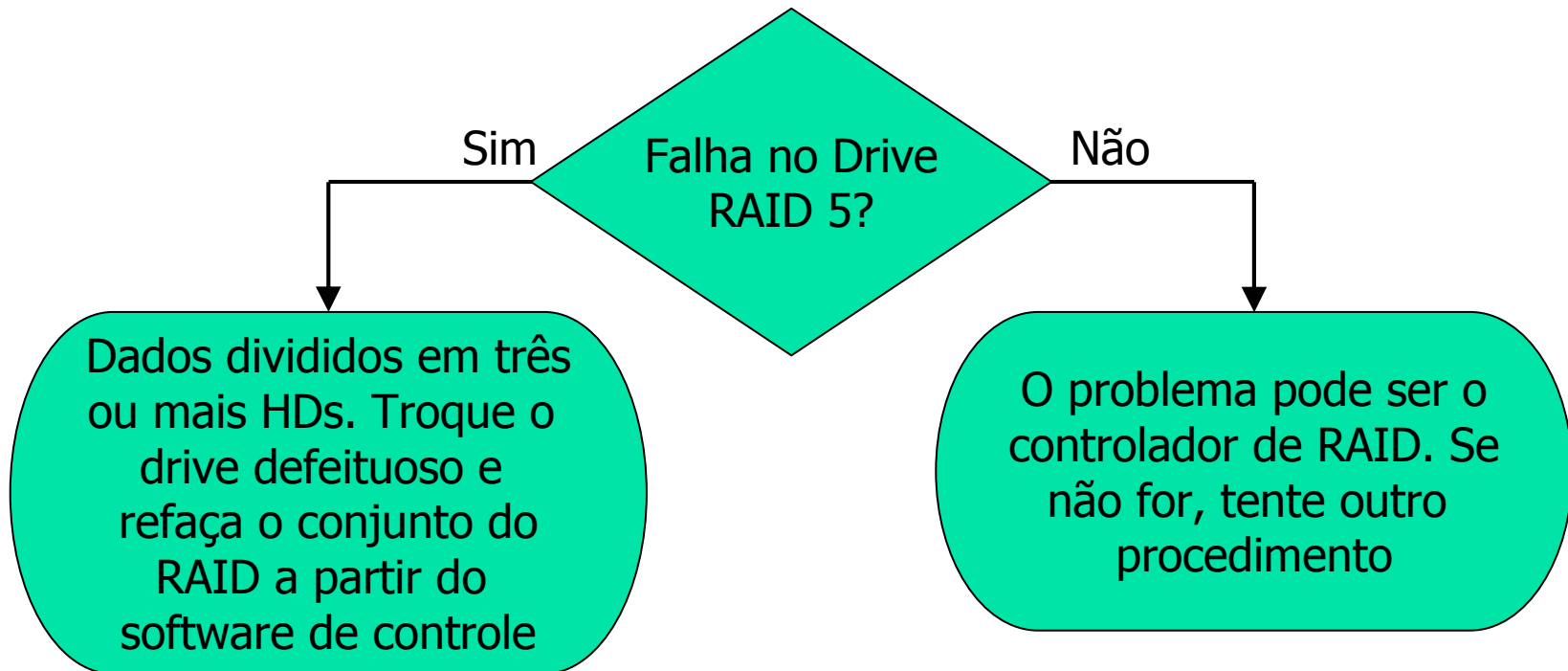
Desempenho e Boot do HD



Desempenho e Boot do HD



Desempenho e Boot do HD



Desempenho e Boot do HD



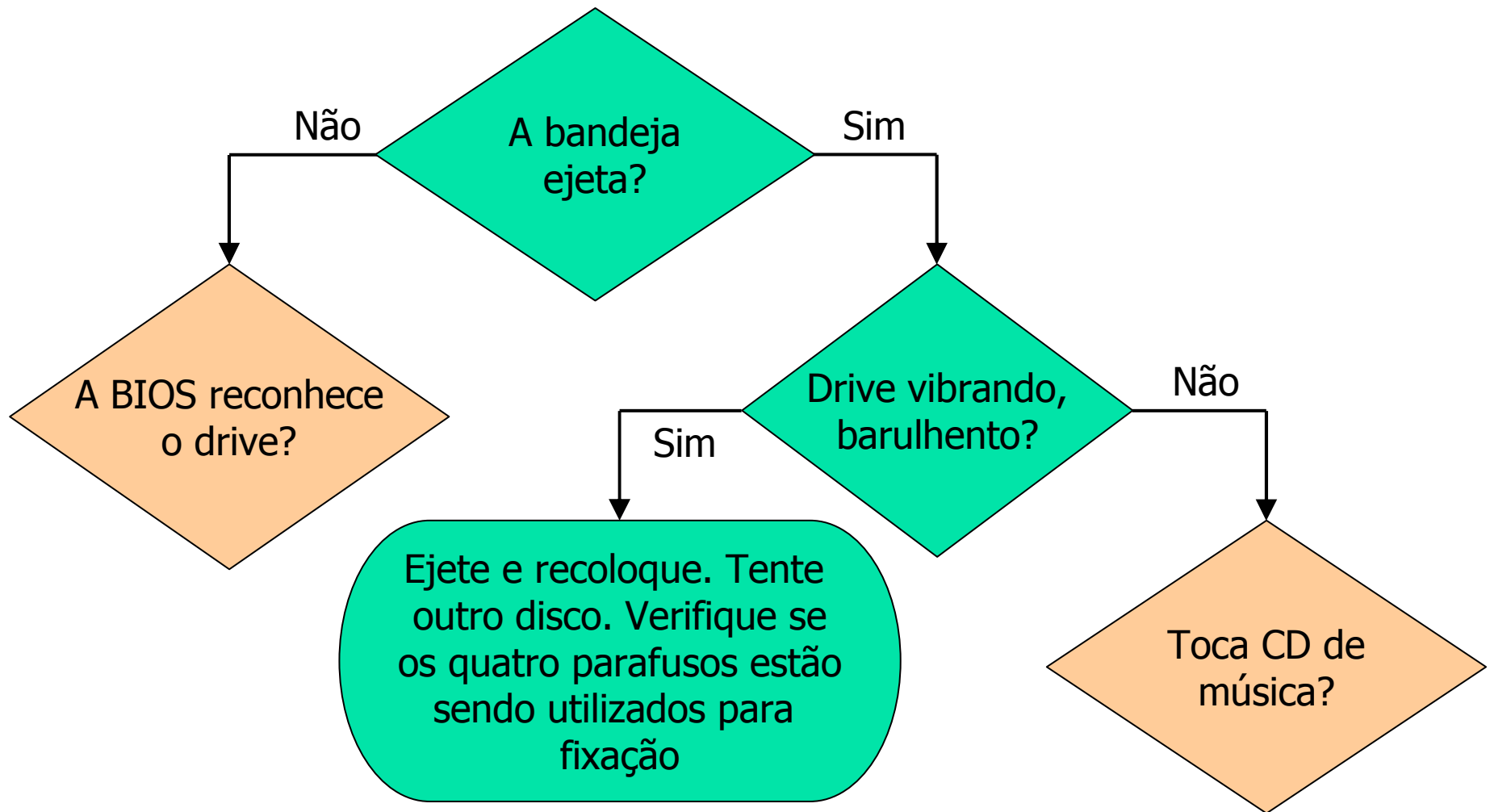
- Quando não conseguir fazer o boot pelo HD, é indicado fazer o boot pelo CD e rodar o Scandisk.
- Quando o PC não consegue fazer o boot pelo CD, o drive de CD pode estar demorando para girar fazendo com que a BIOS apresente "Time Out".
- Pode ser que o PC esteja lento não por causa do HD. Use um software de Benchmarking para descobrir onde está o gargalo do sistema.

Desempenho e Boot do HD

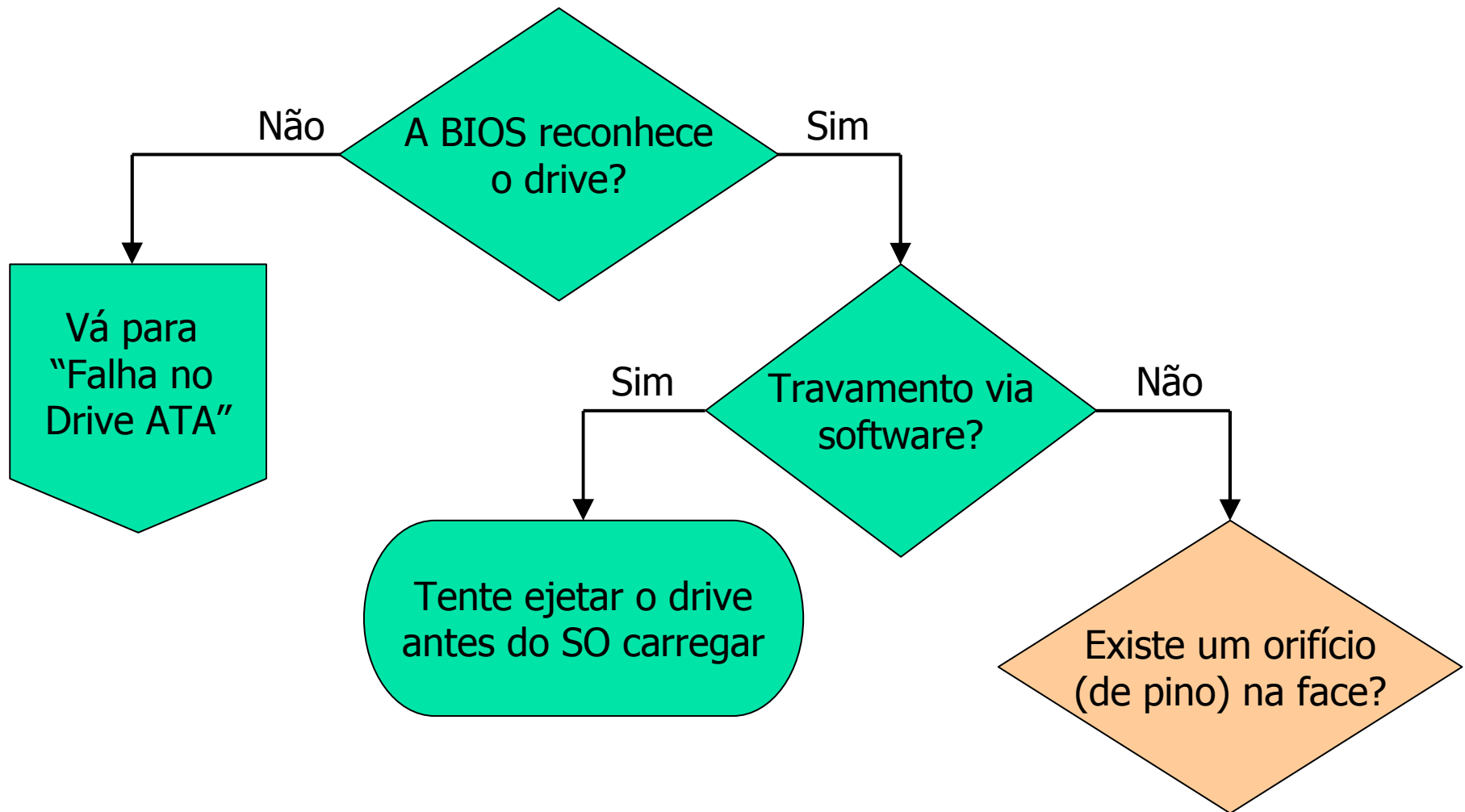


- Uma boa prática é fazer o Defrag do HD:
 - Se apresentar problemas, tente primeiro rodar o Scandisk.
 - Se o Scandisk não funcionar, certifique-se de não estar utilizando outro programa, use o Ctrl+AltDel.
 - Se ainda não funcionar, Reinicie o PC em modo seguro e tente novamente.
 - Se o Scandisk falhar, faça Backup do HD e reformate.

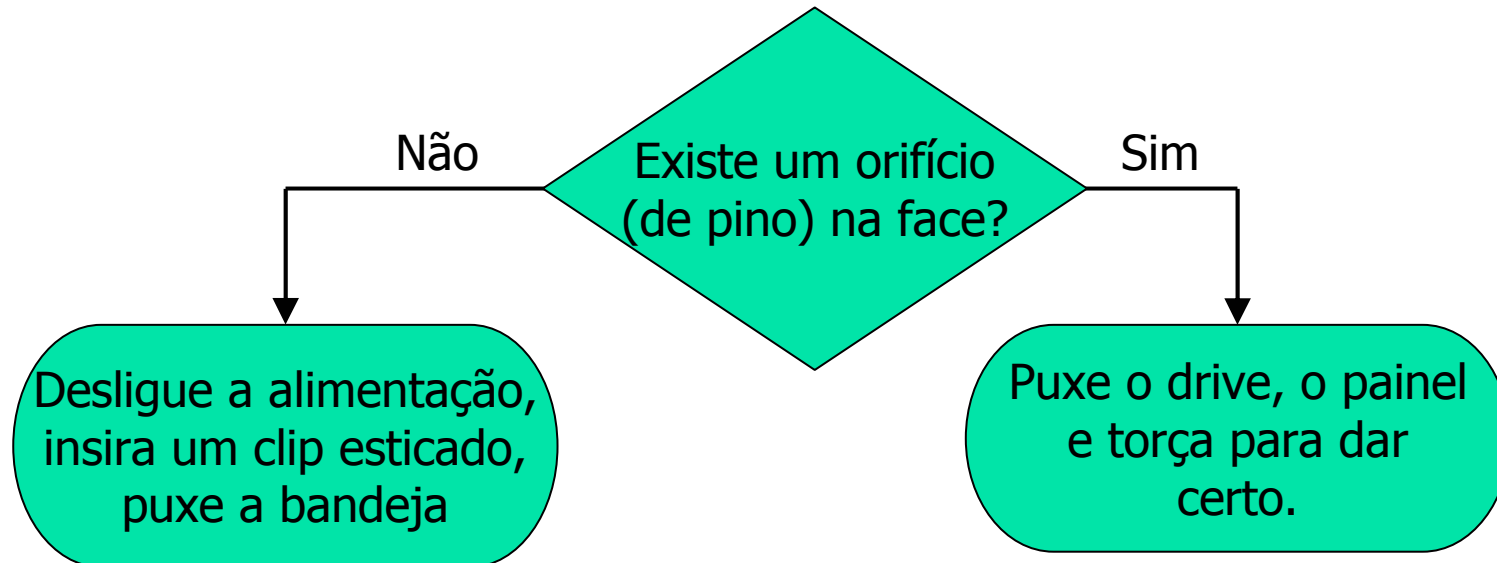
Leitura CD ou DVD



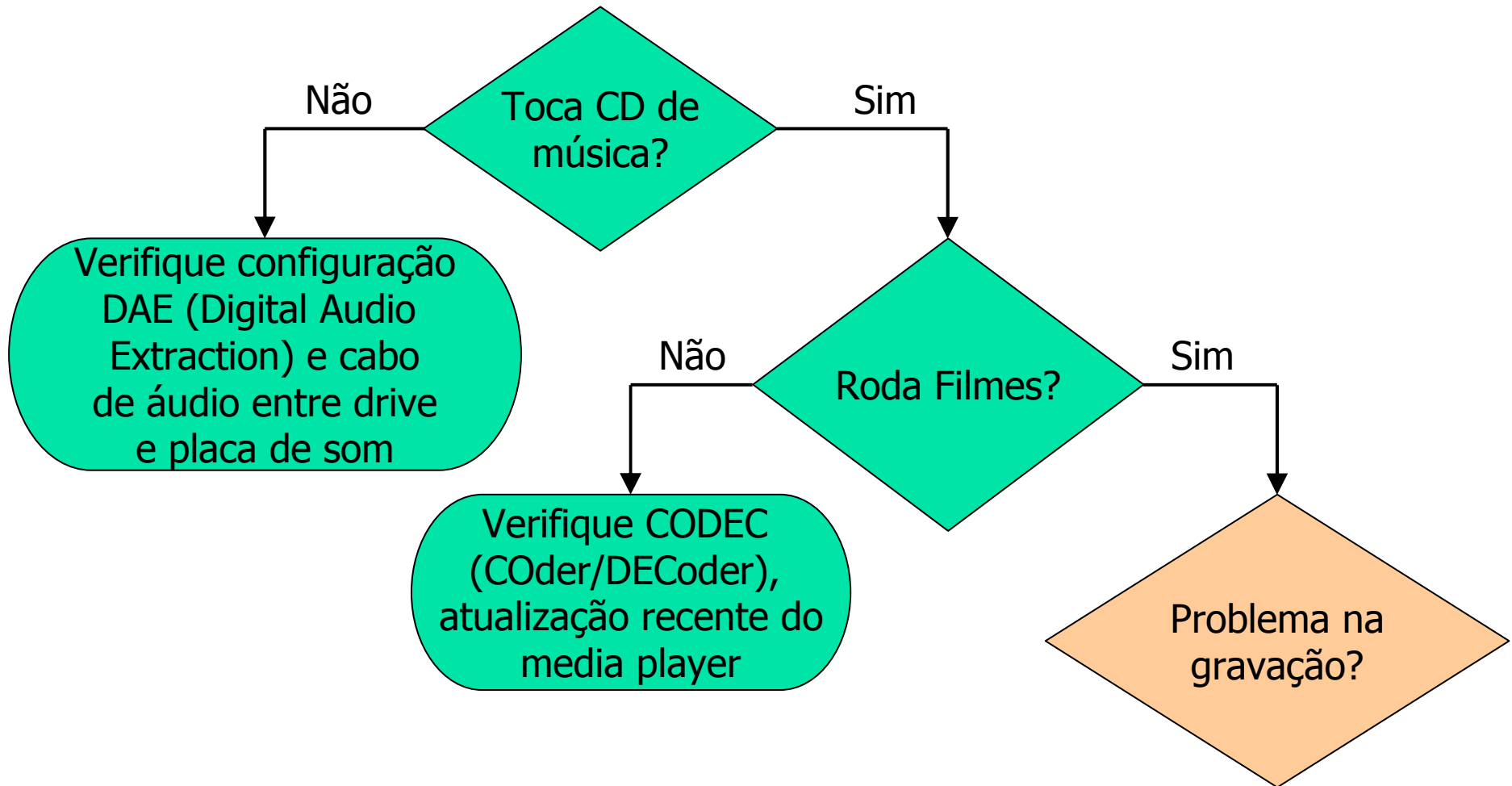
Leitura CD ou DVD



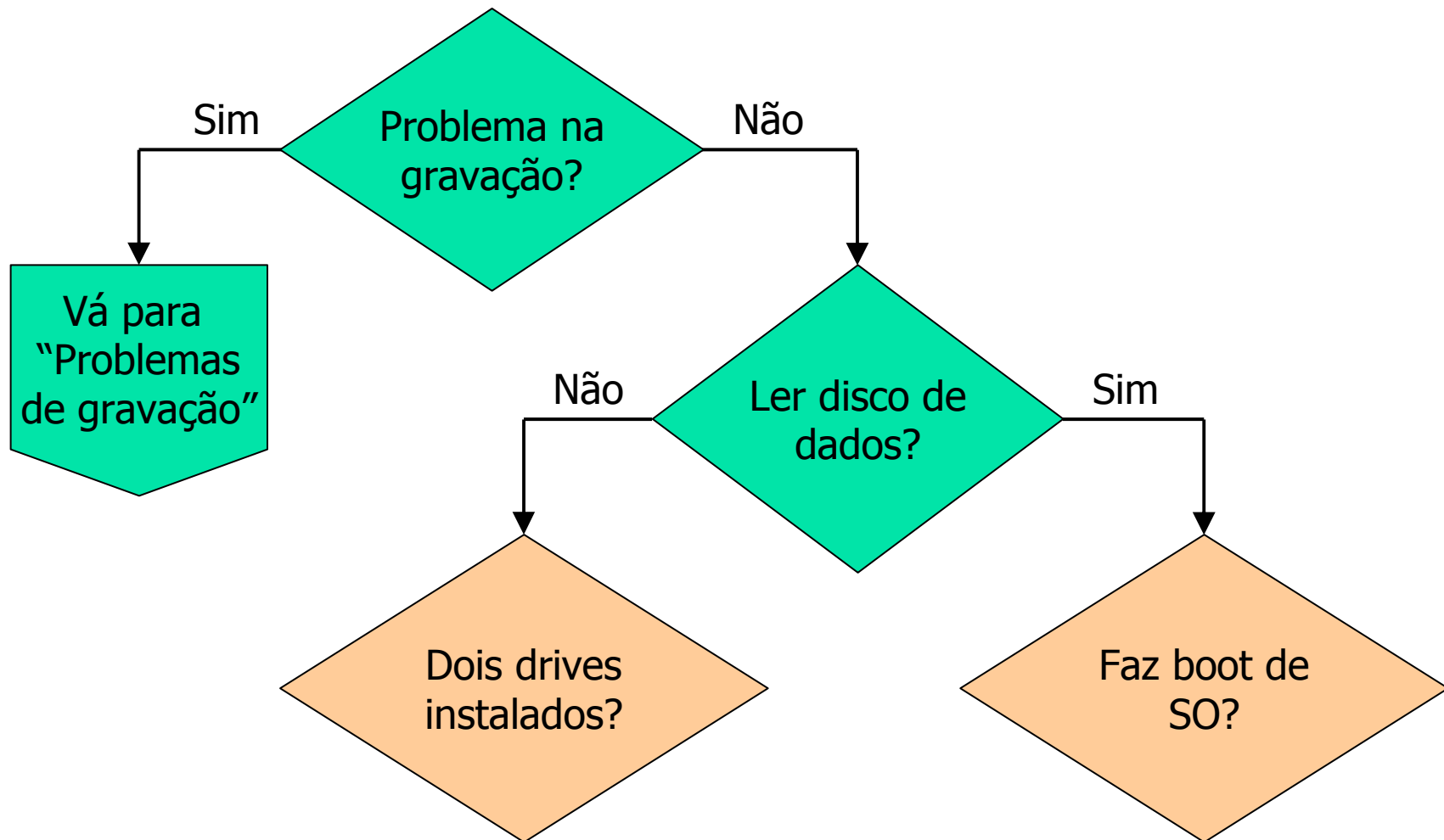
Leitura CD ou DVD



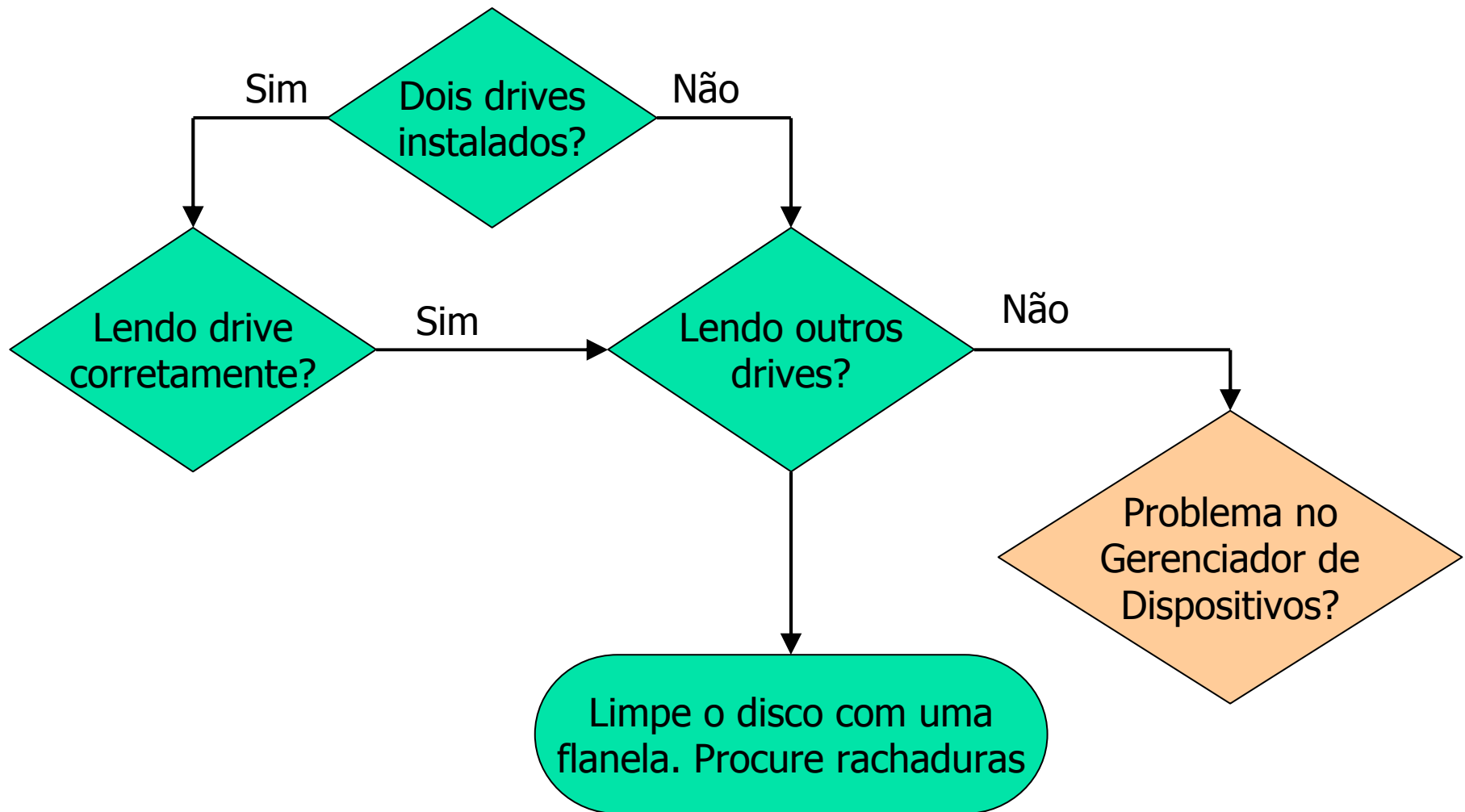
Leitura CD ou DVD



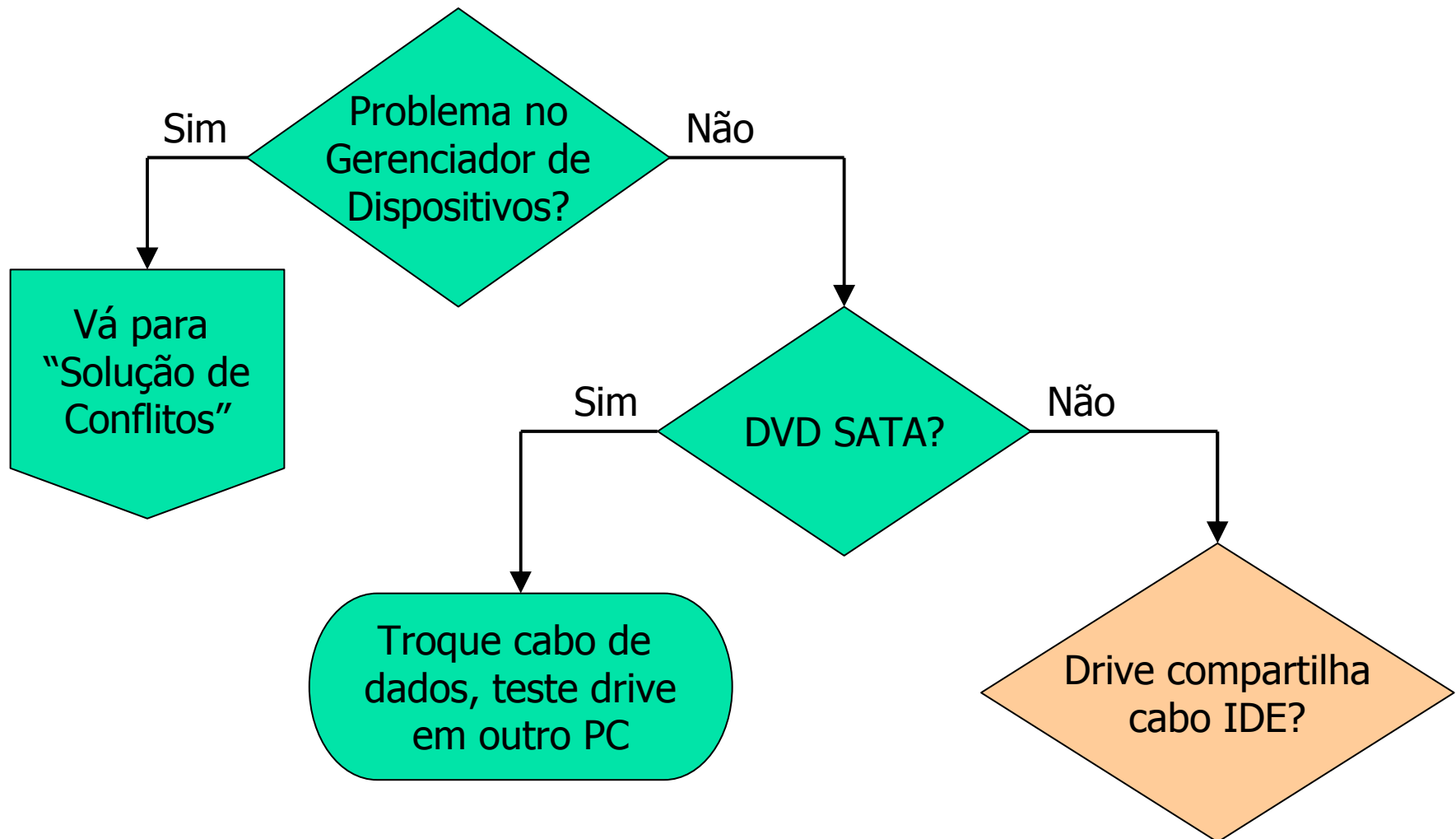
Leitura CD ou DVD



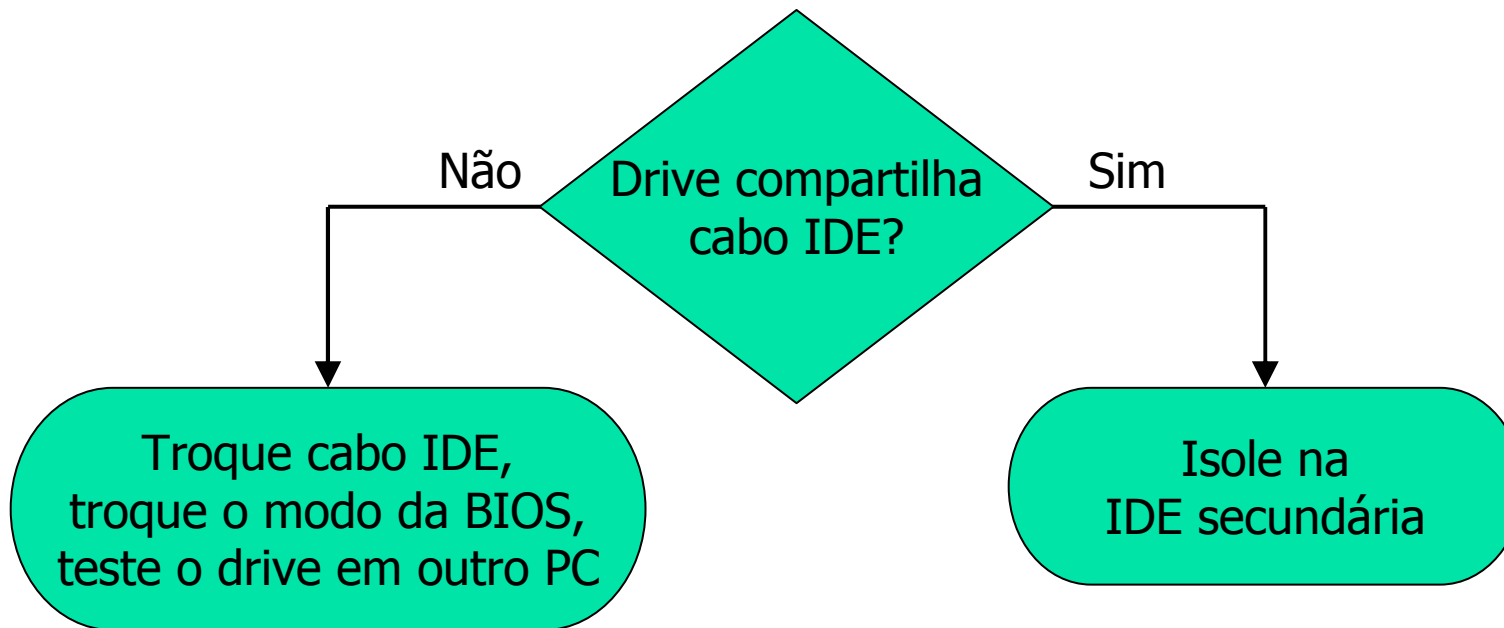
Leitura CD ou DVD



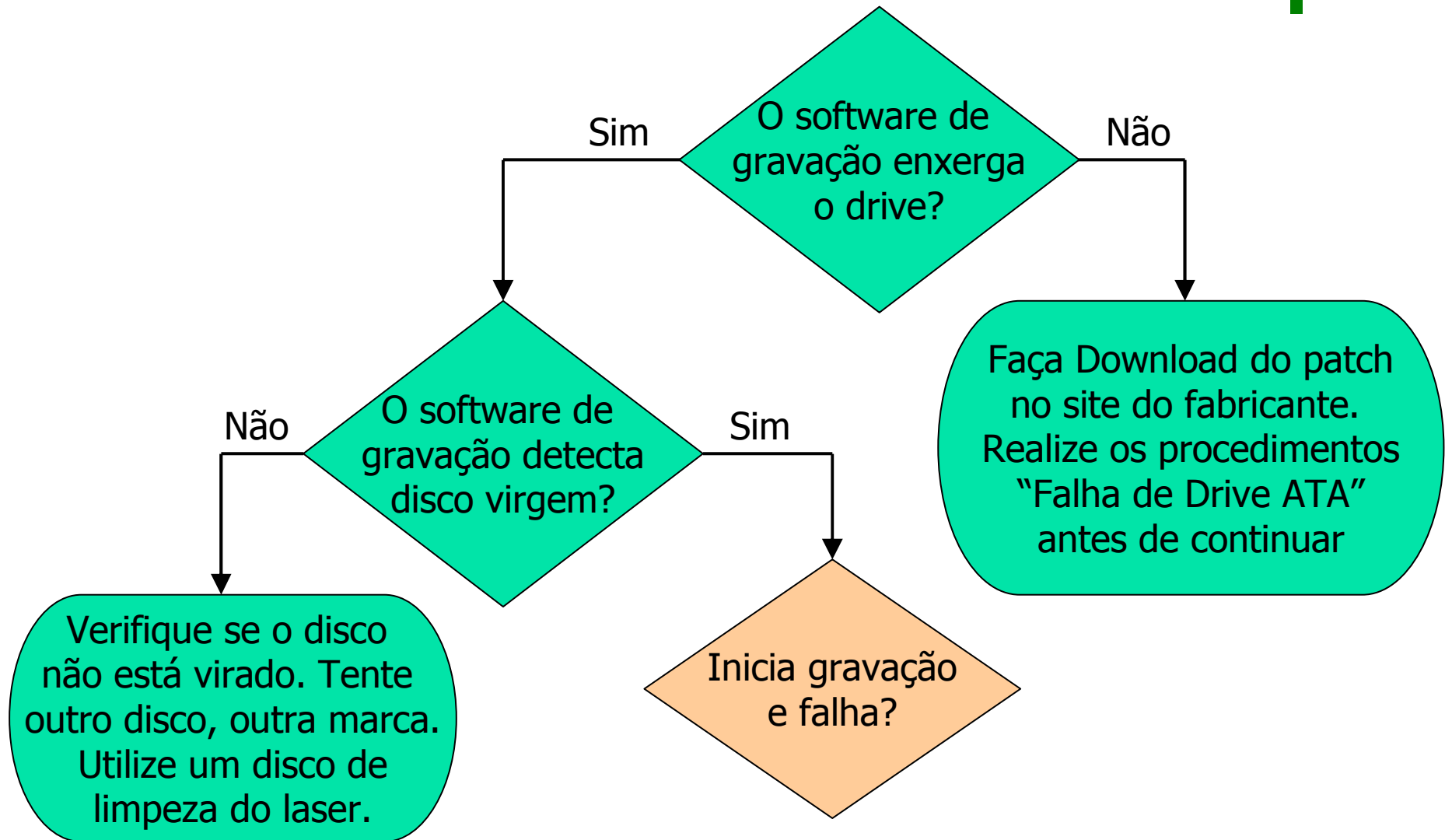
Leitura CD ou DVD



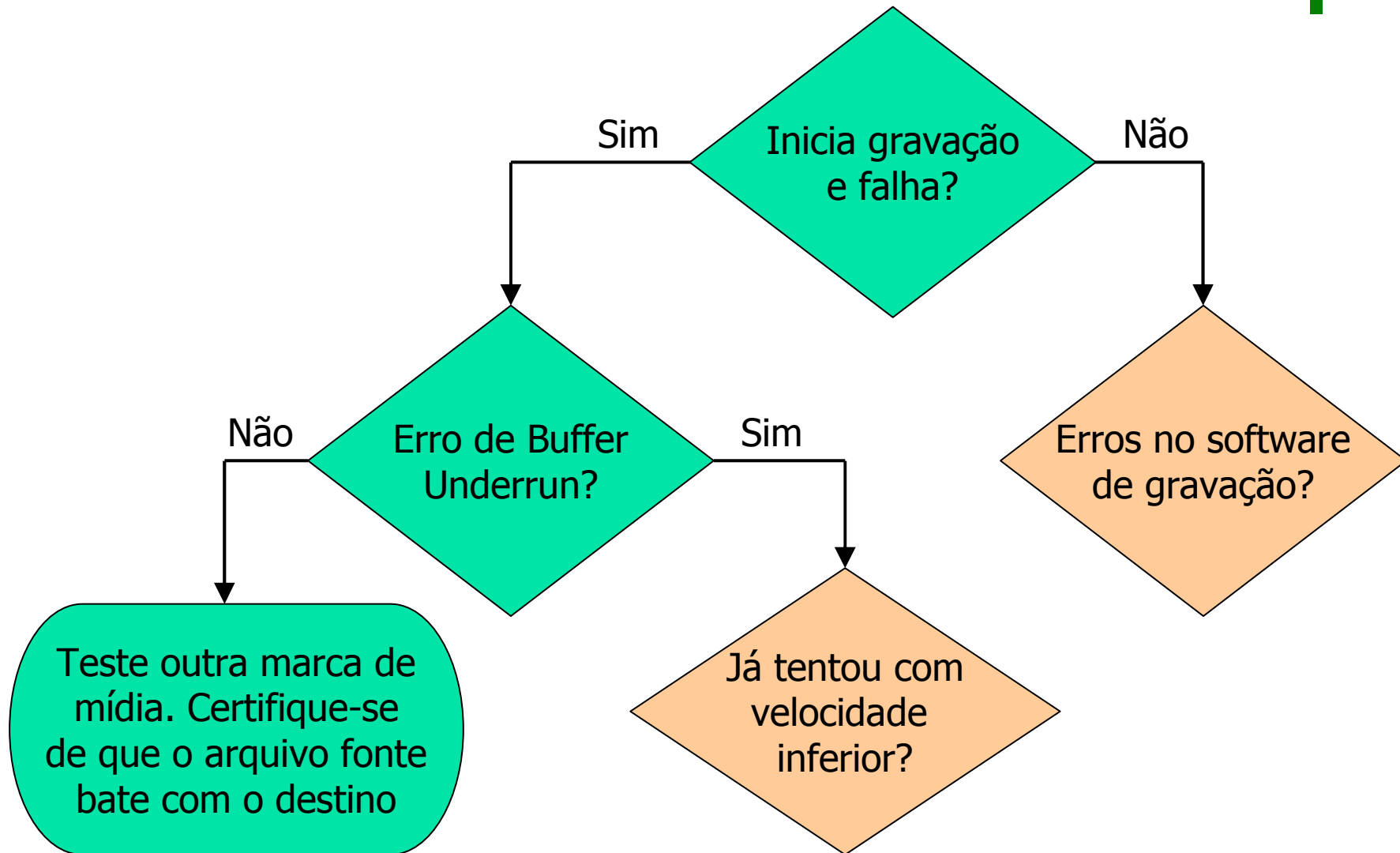
Leitura CD ou DVD



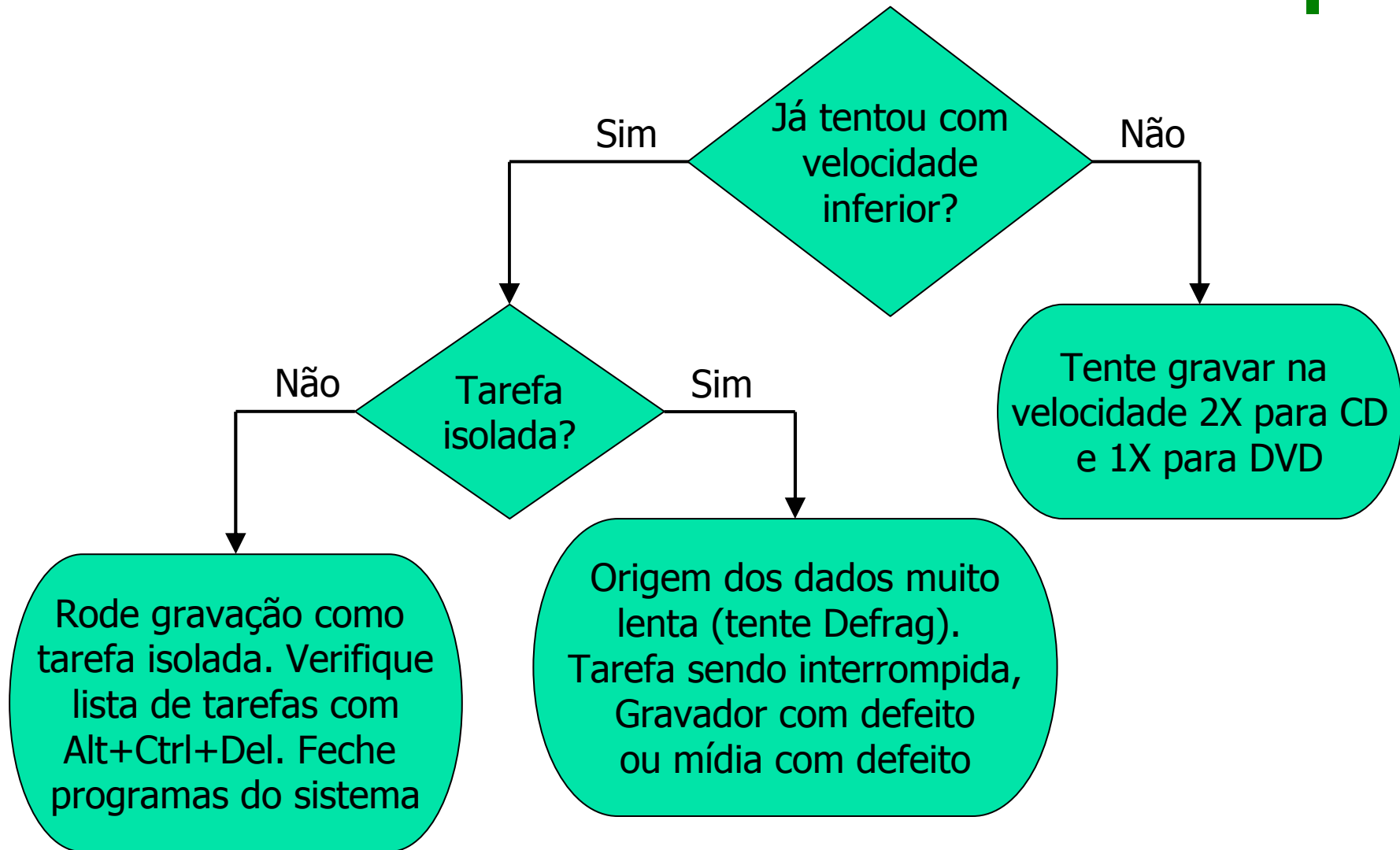
Problema ao gravar CD, DVD e Blu-Ray



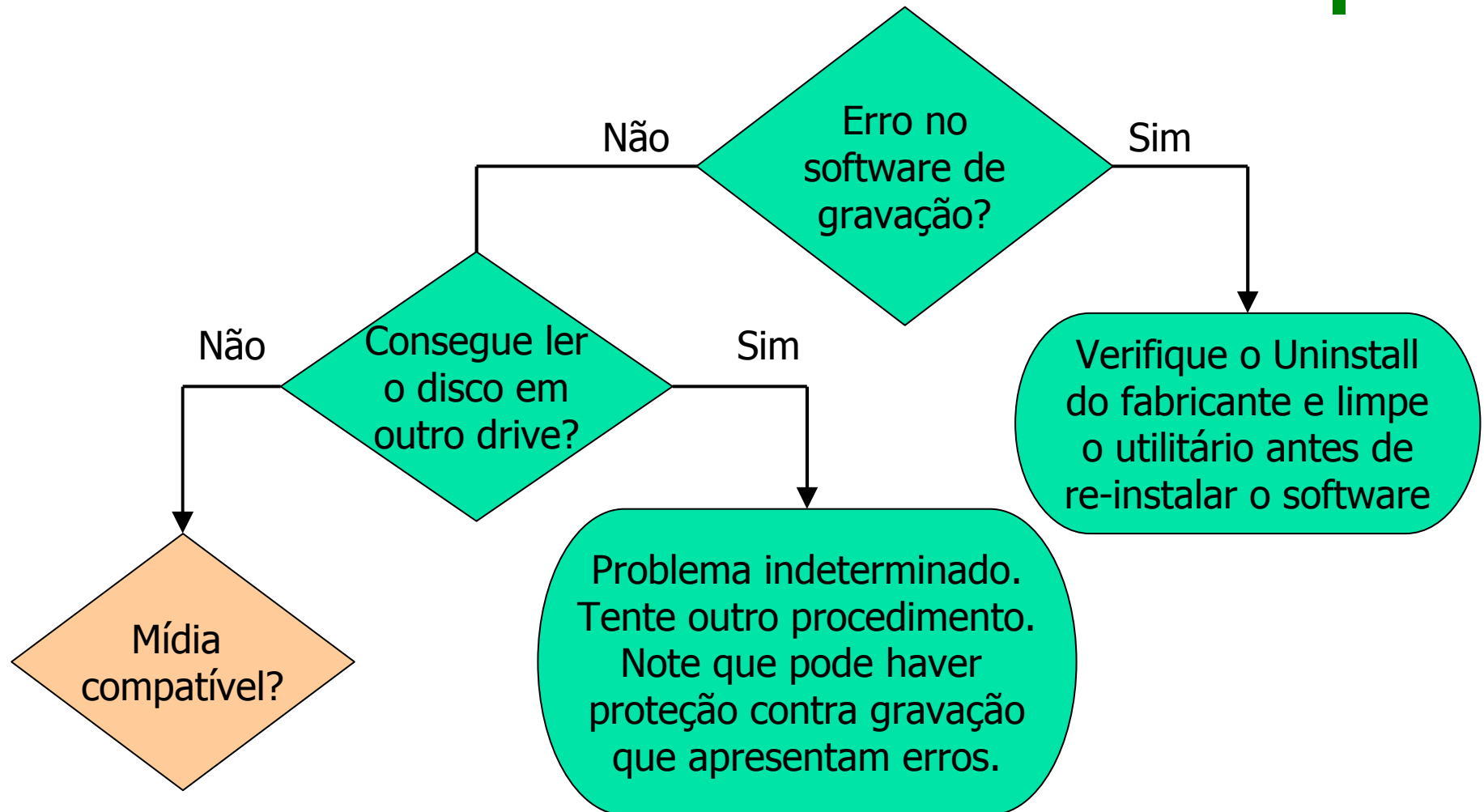
Problema ao gravar CD, DVD e Blu-Ray



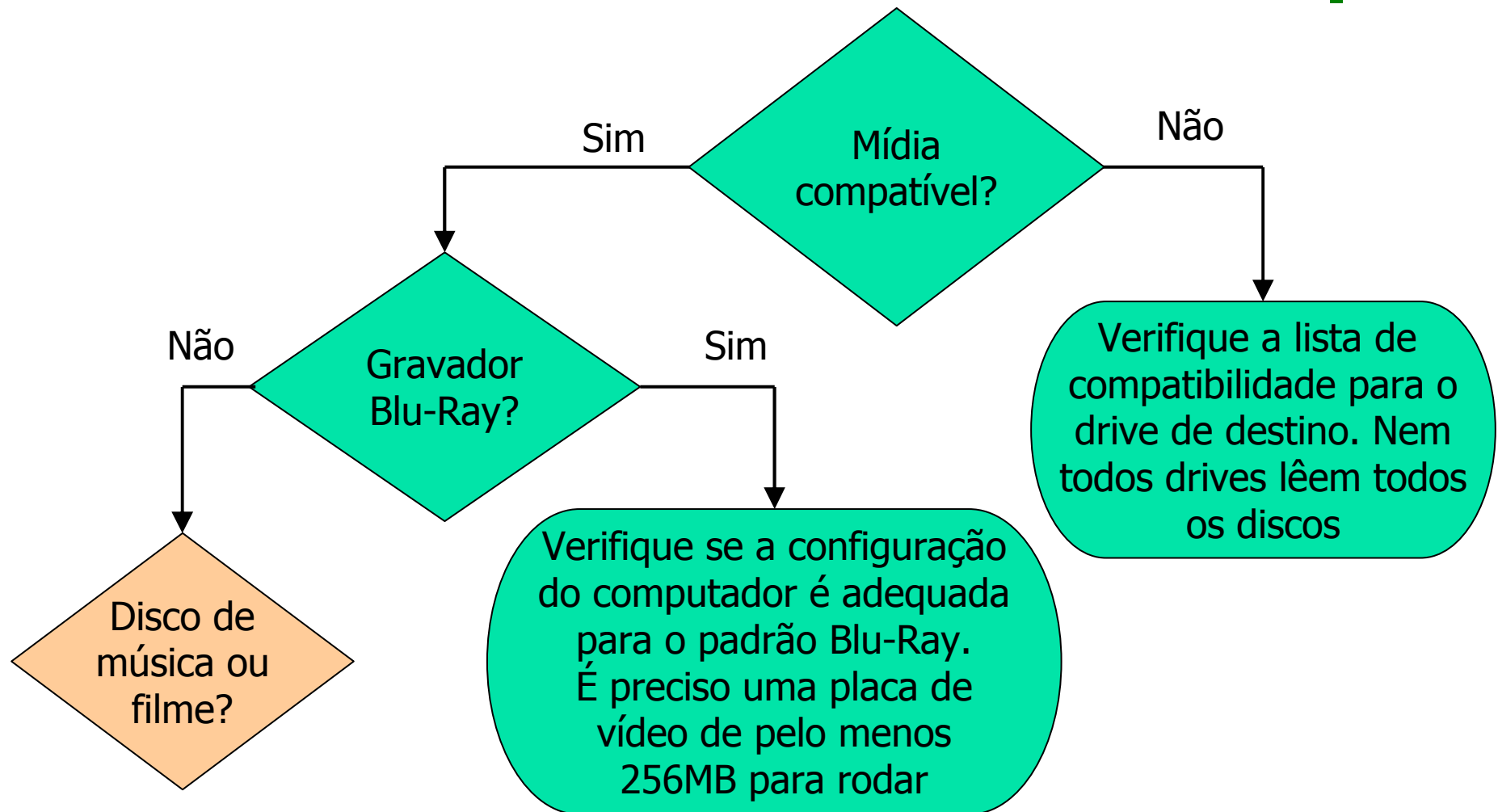
Problema ao gravar CD, DVD e Blu-Ray



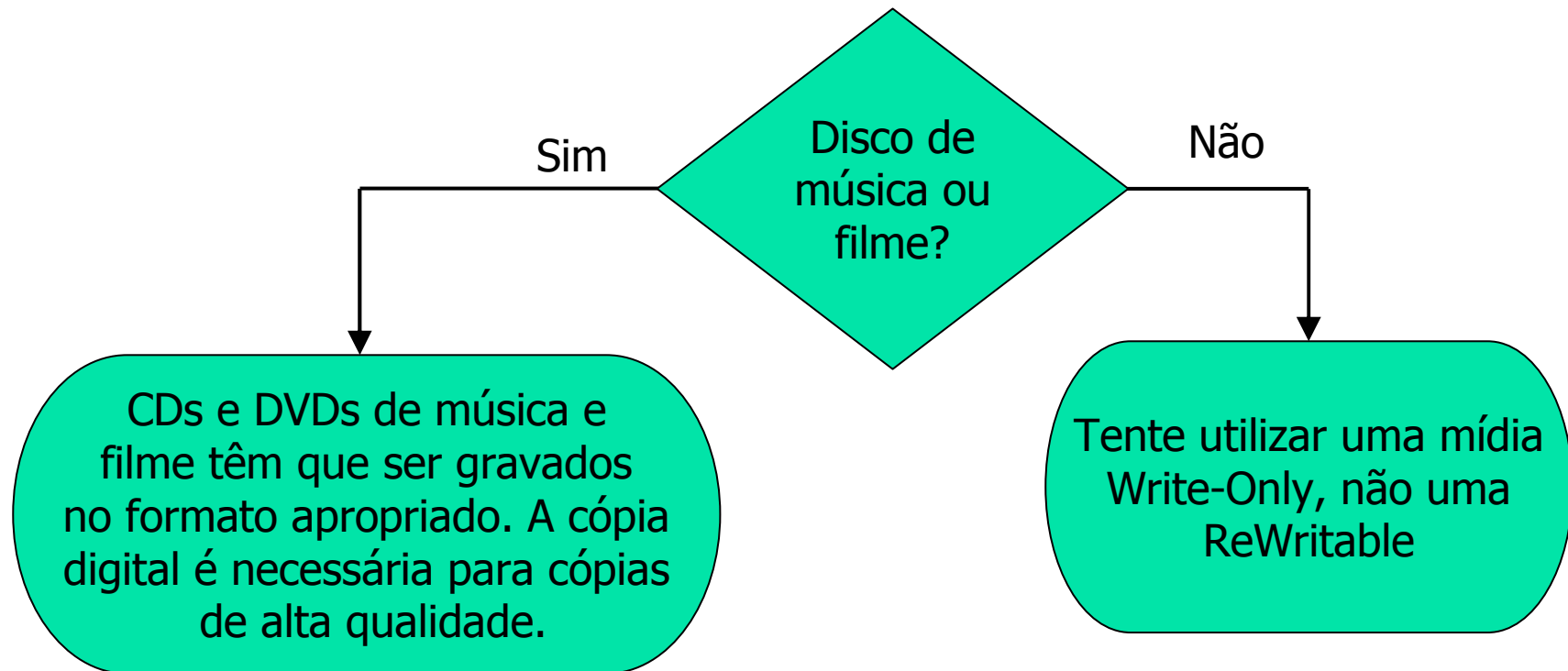
Problema ao gravar CD, DVD e Blu-Ray



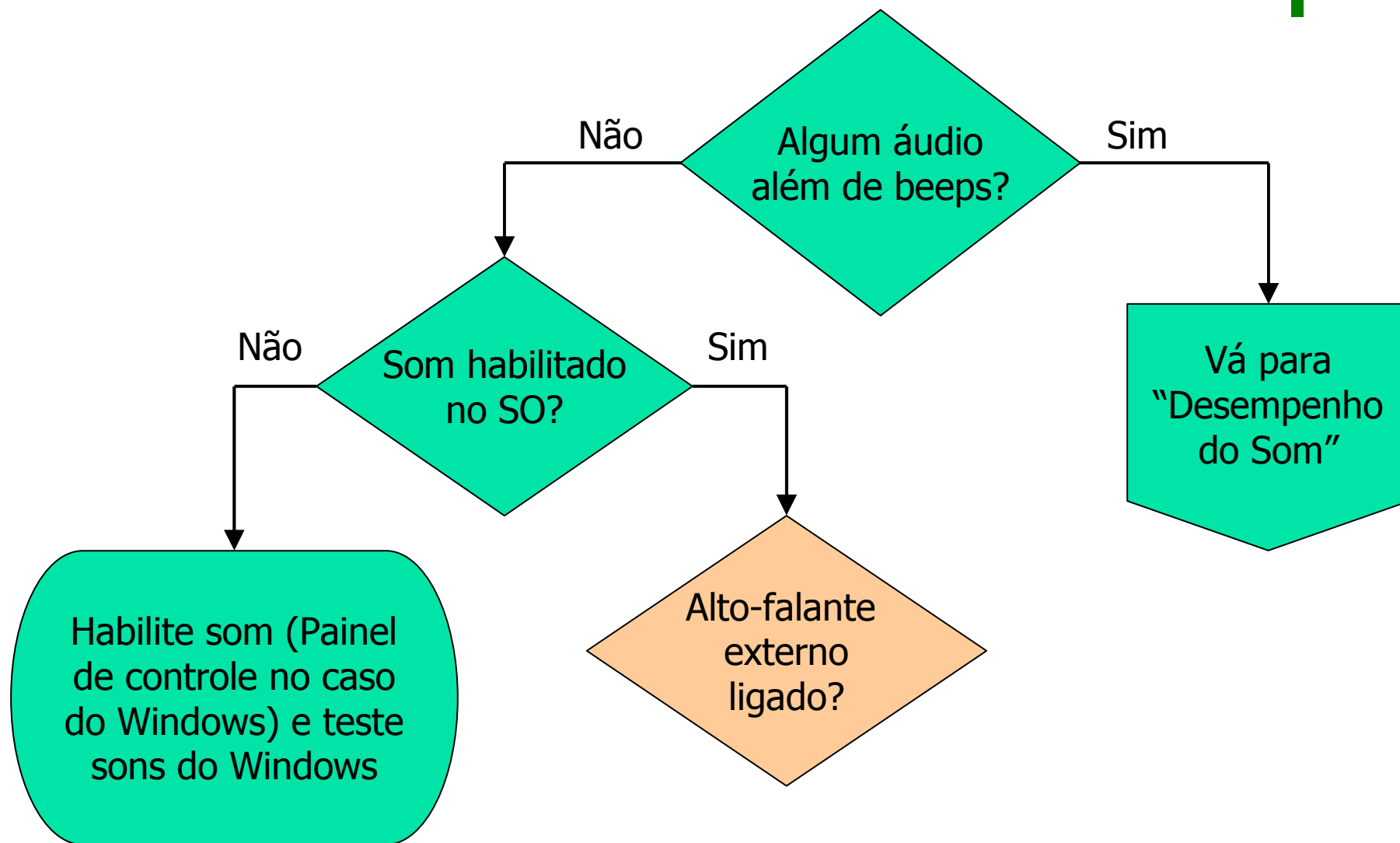
Problema ao gravar CD, DVD e Blu-Ray



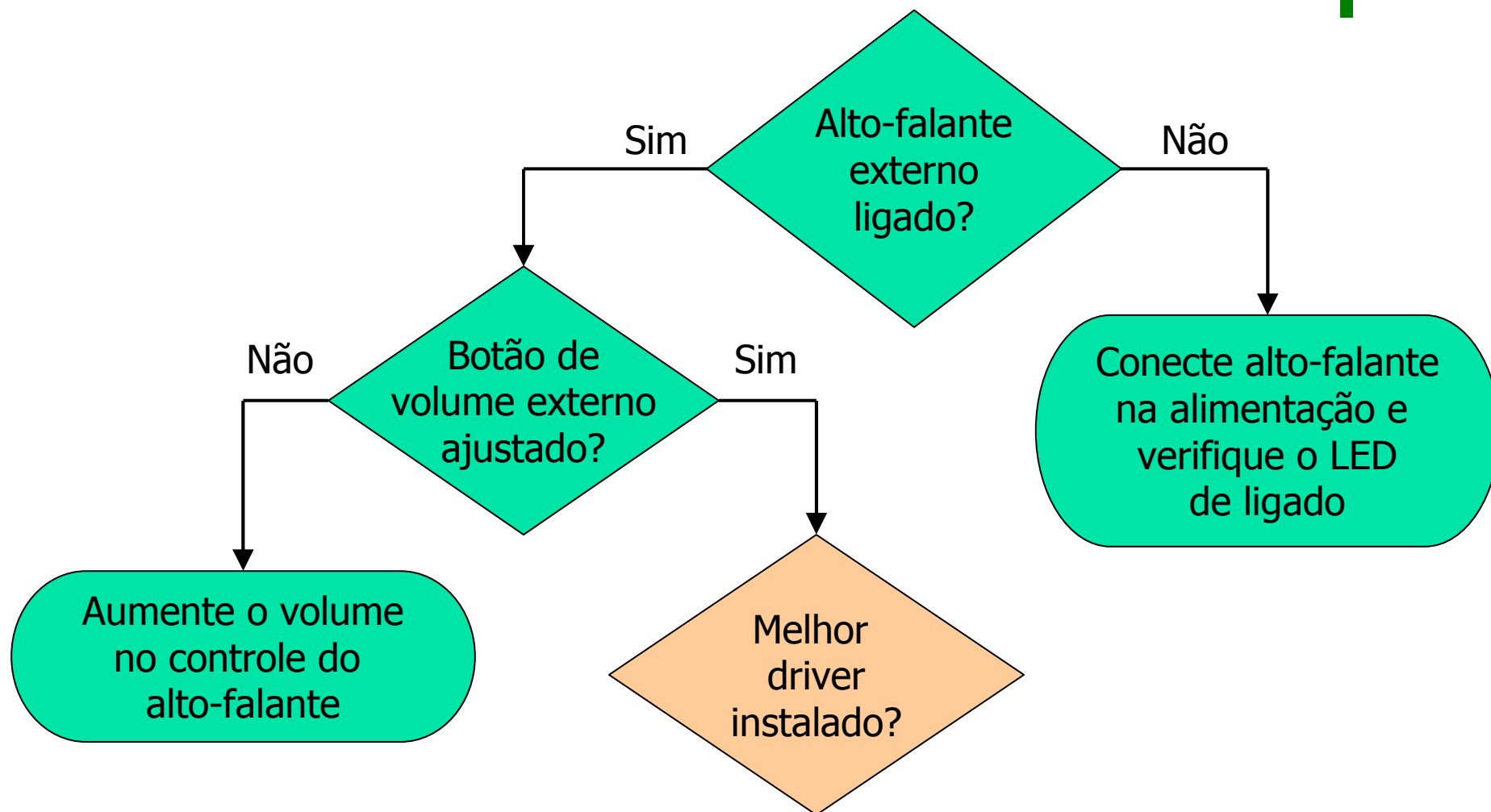
Problema ao gravar CD, DVD e Blu-Ray



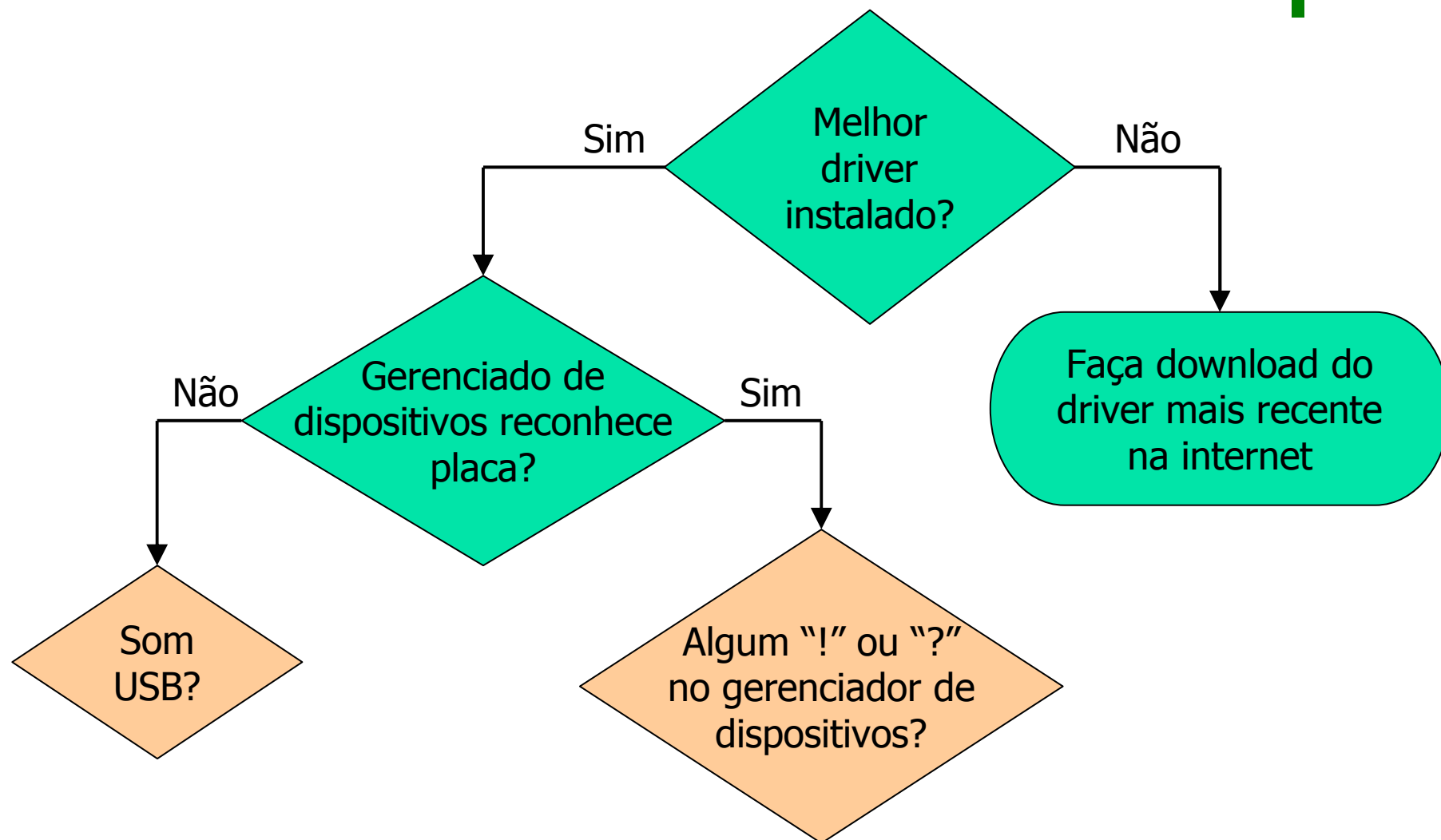
Falha no Som



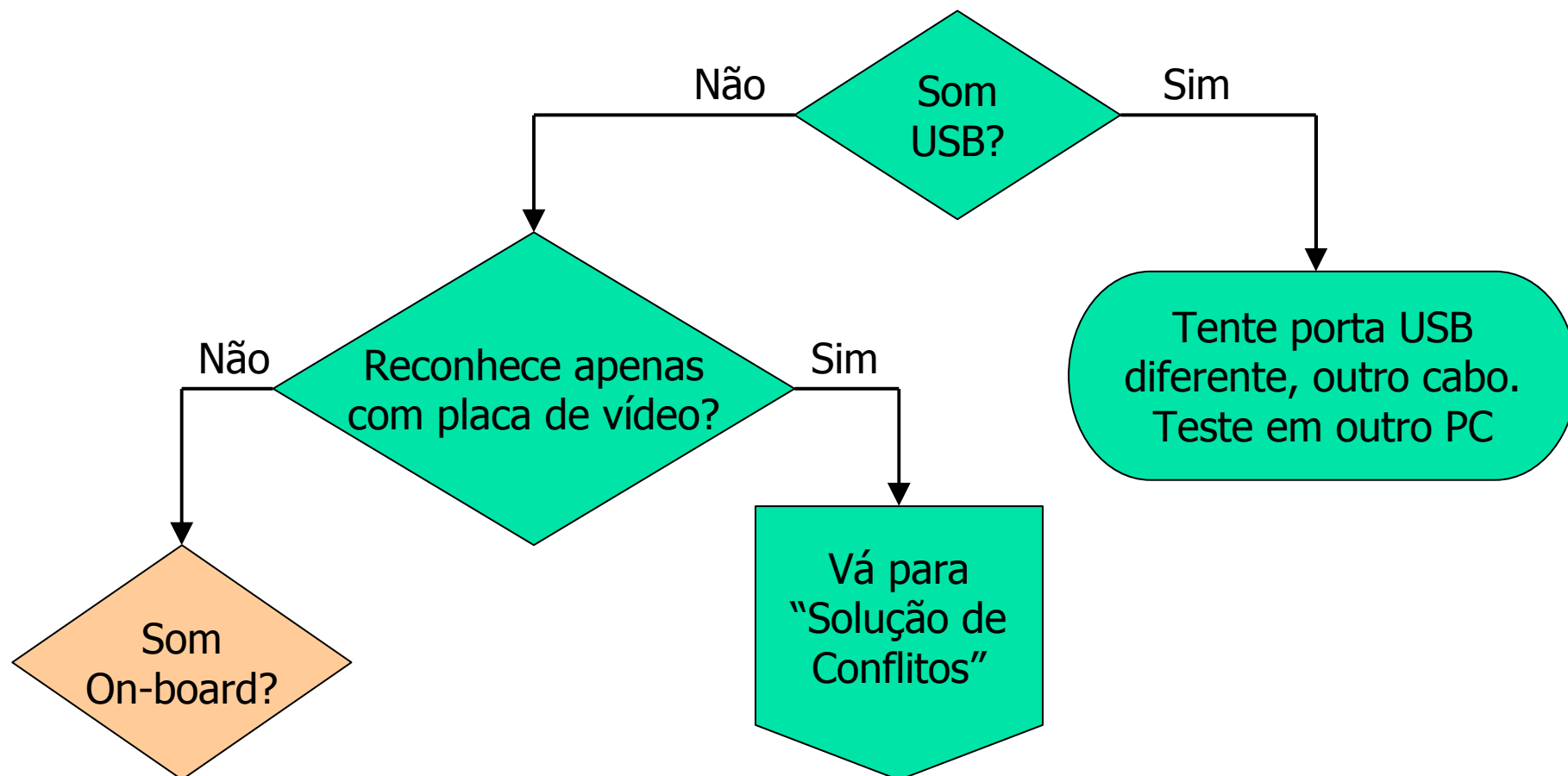
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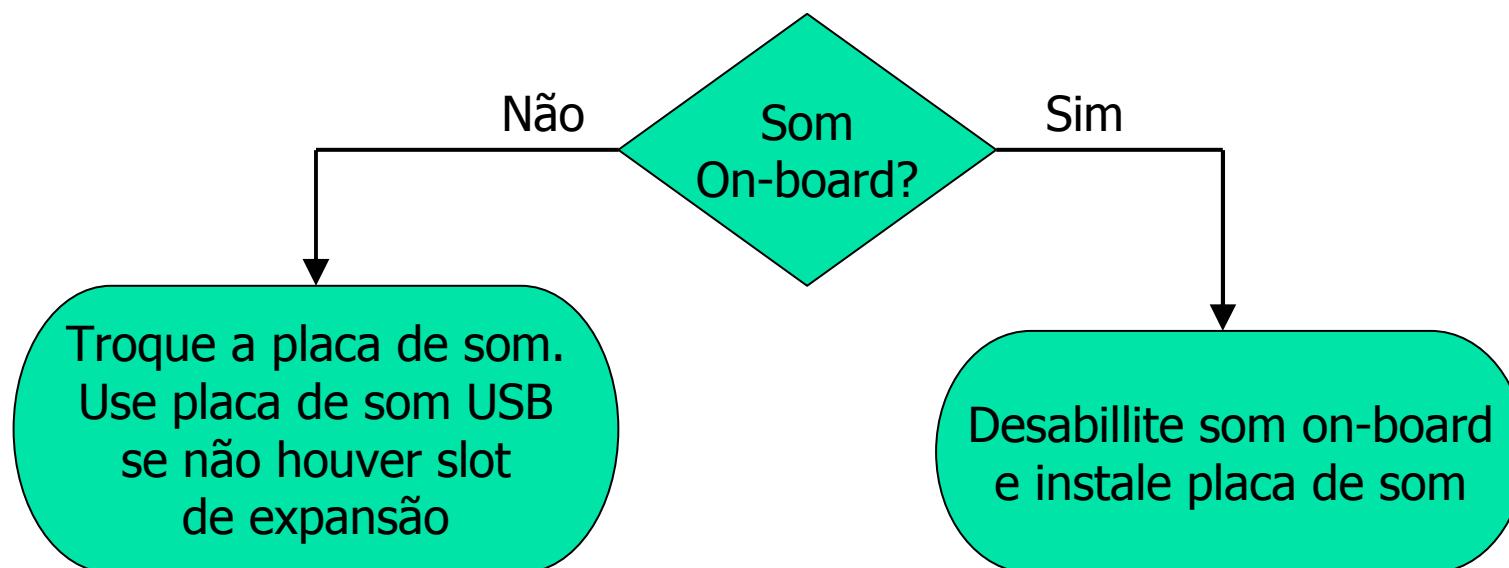
Falha no Som



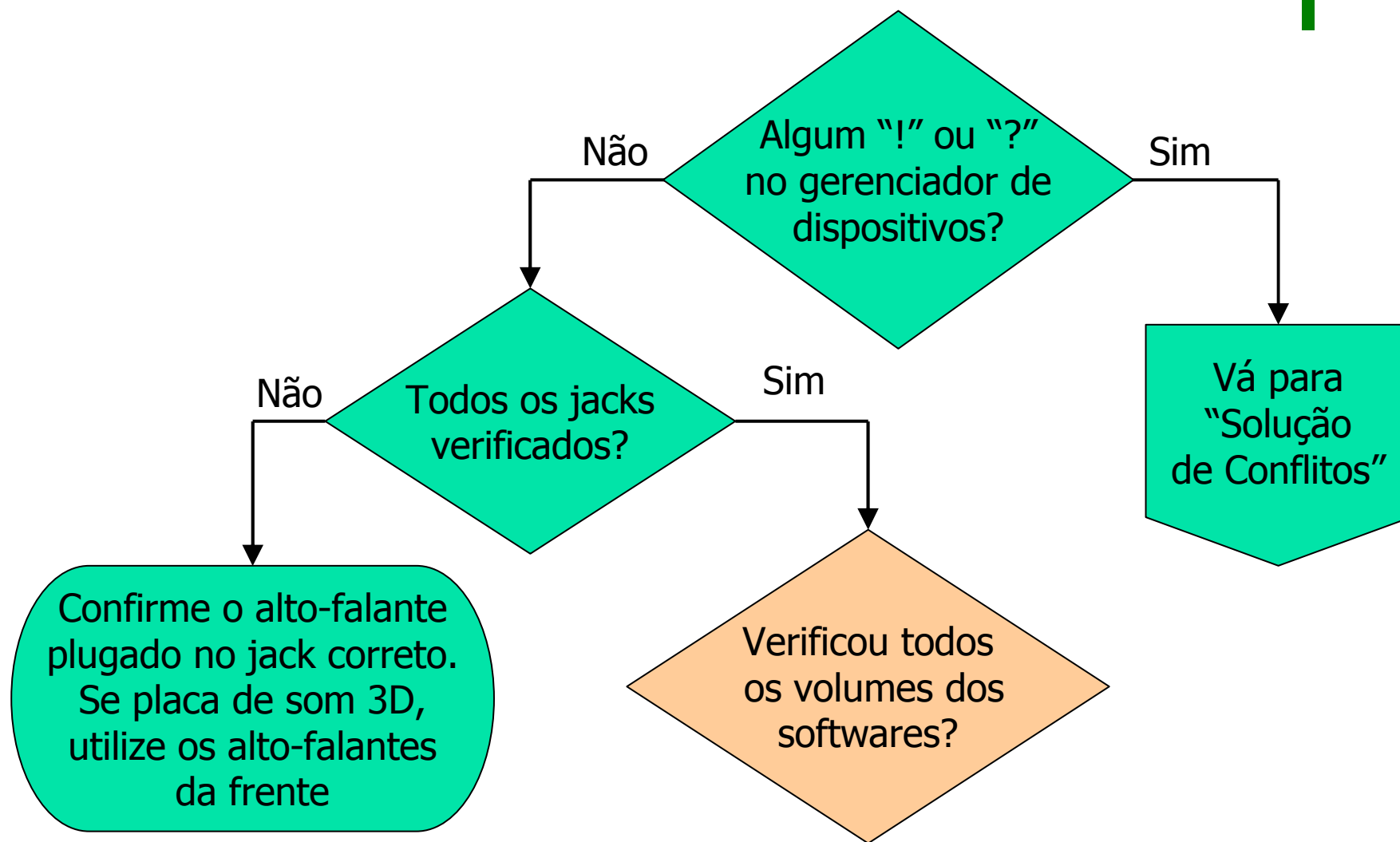
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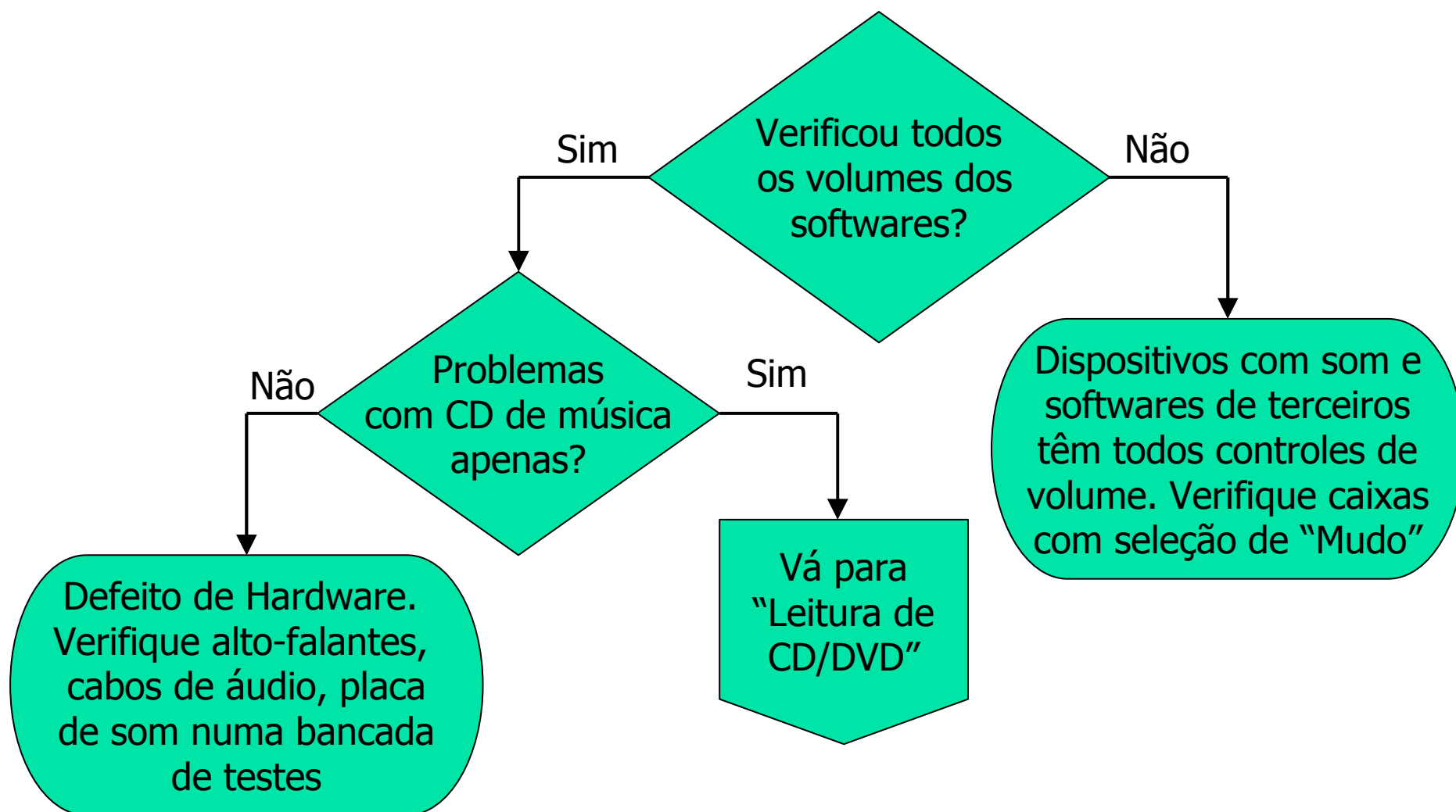
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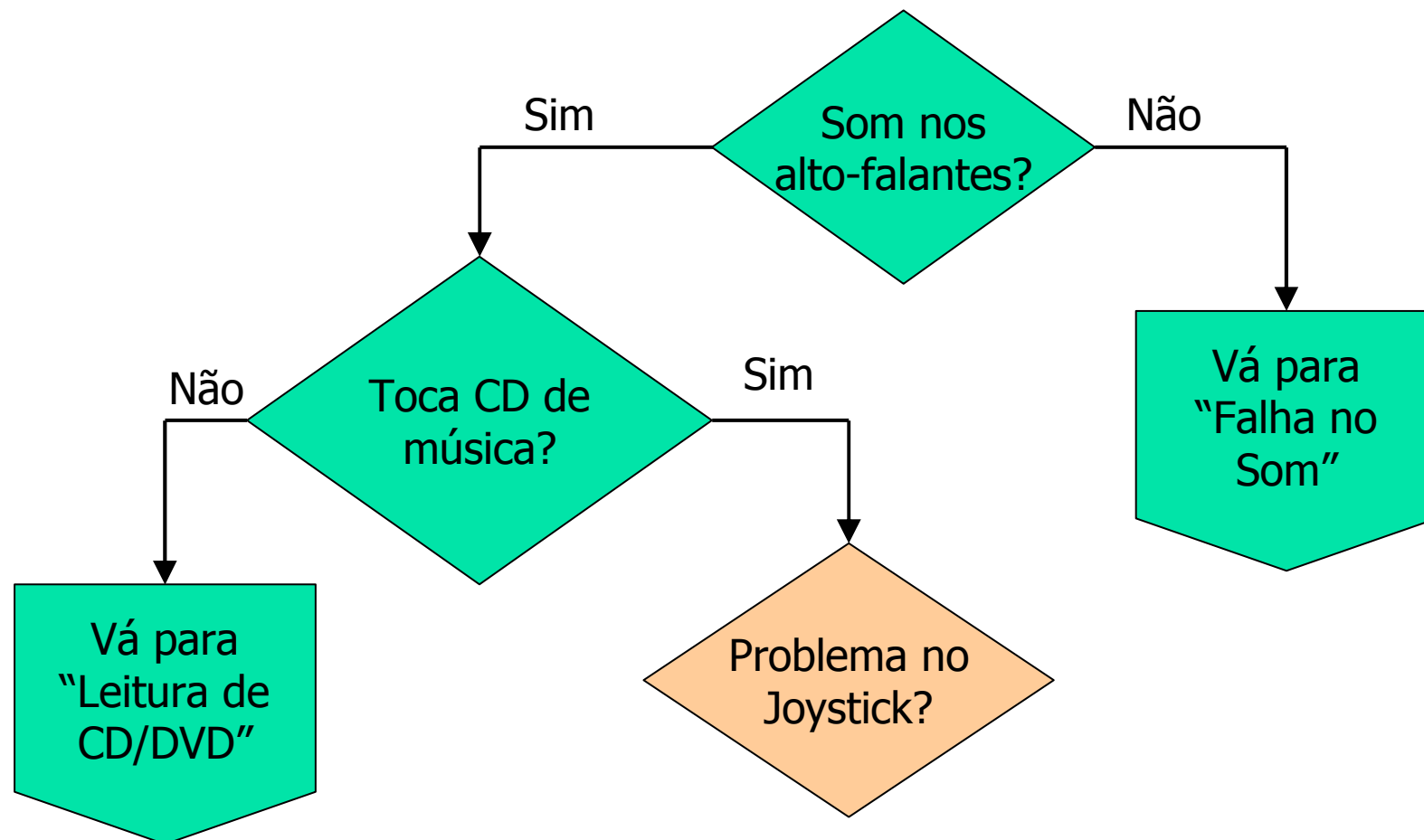
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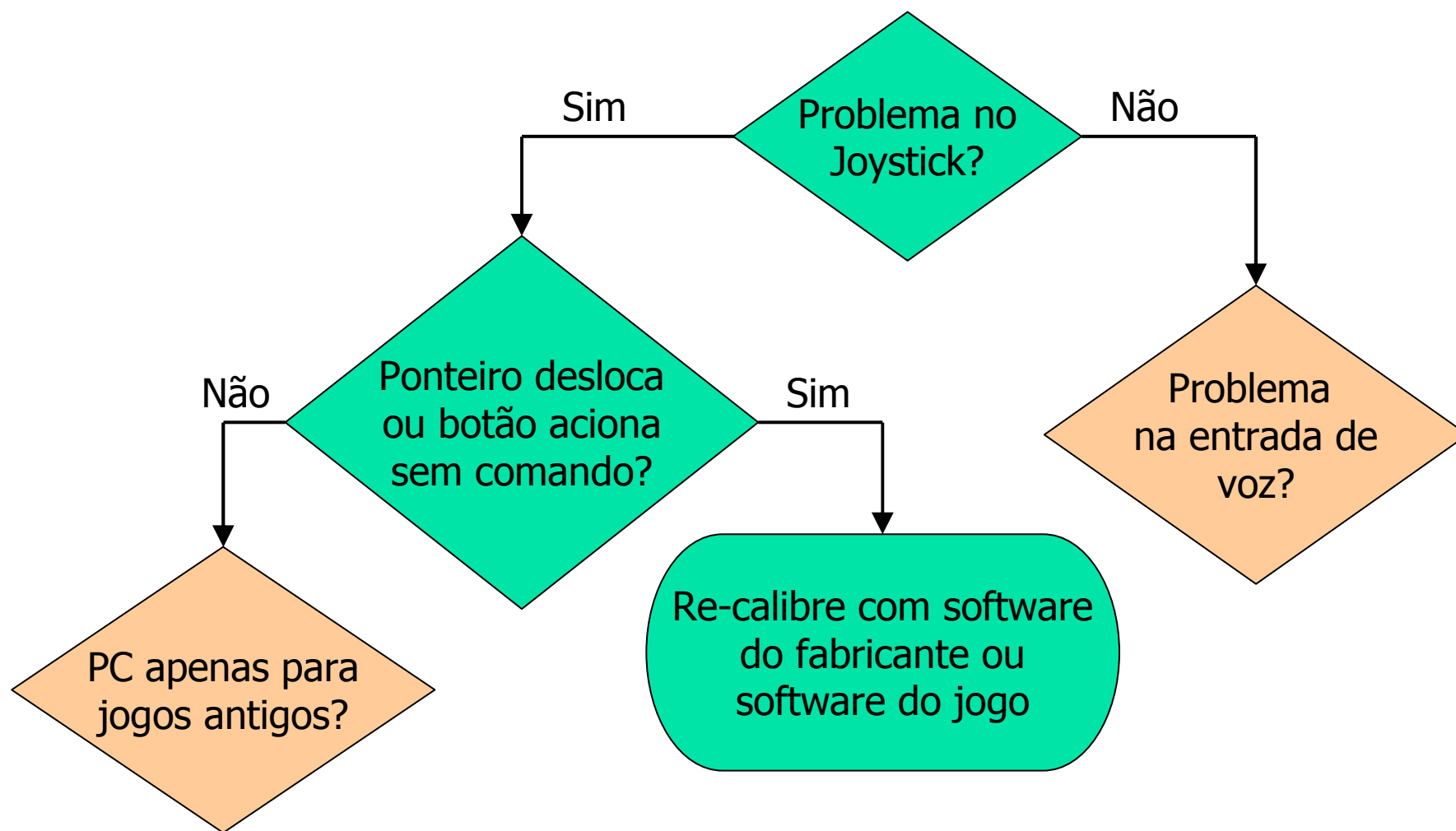
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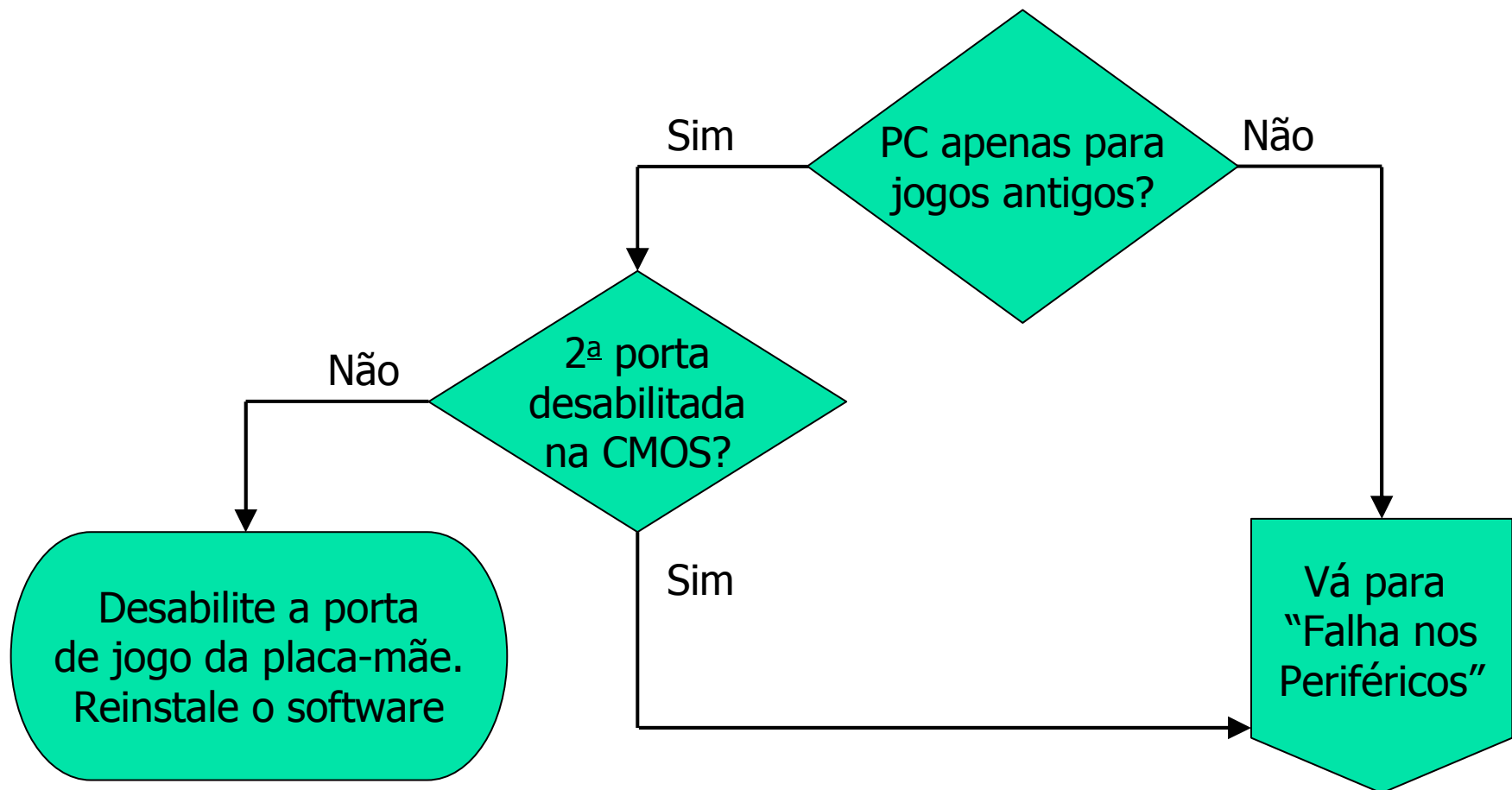
Desempenho do Som e Controlador de Jogo



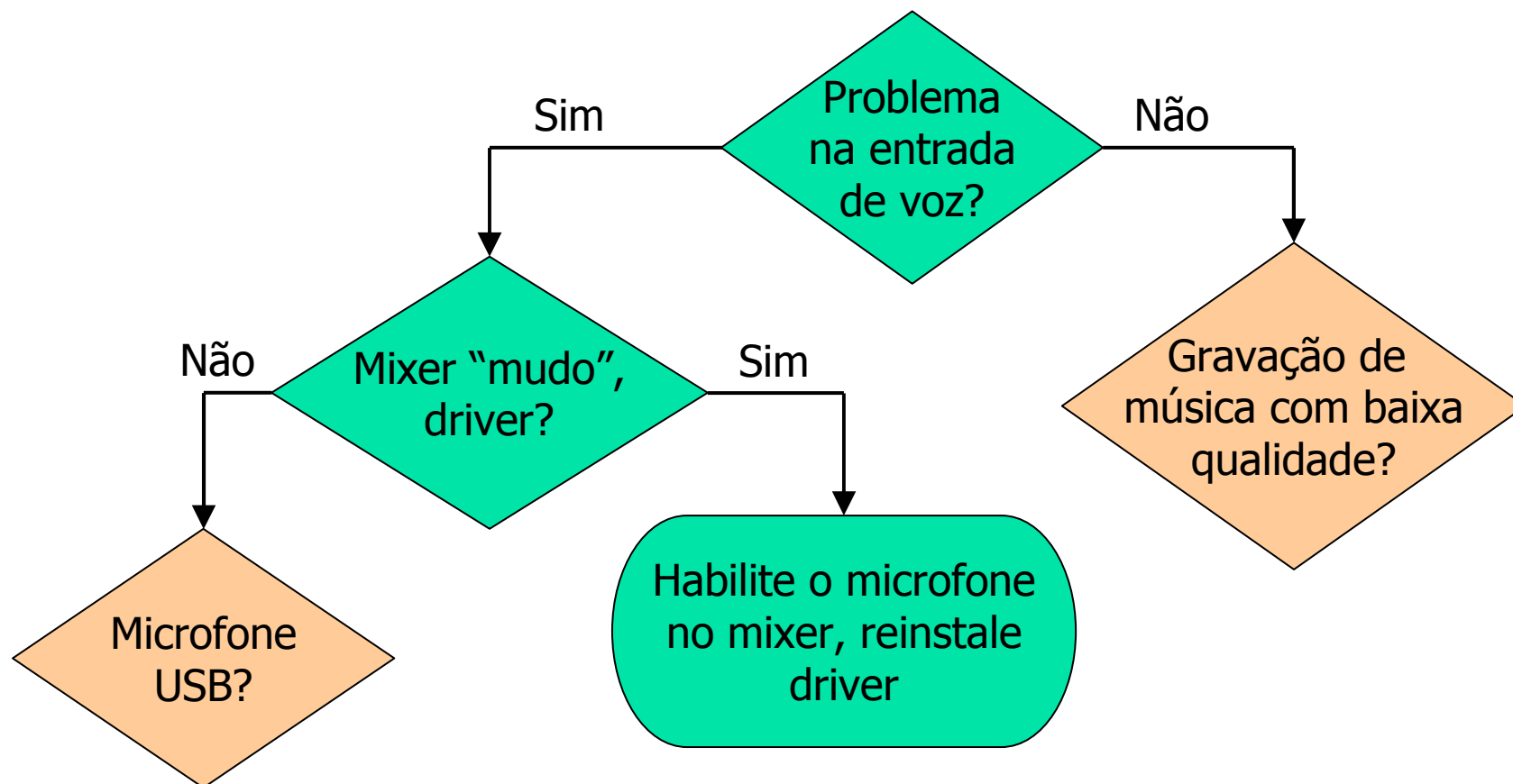
Desempenho do Som e Controlador de Jogo



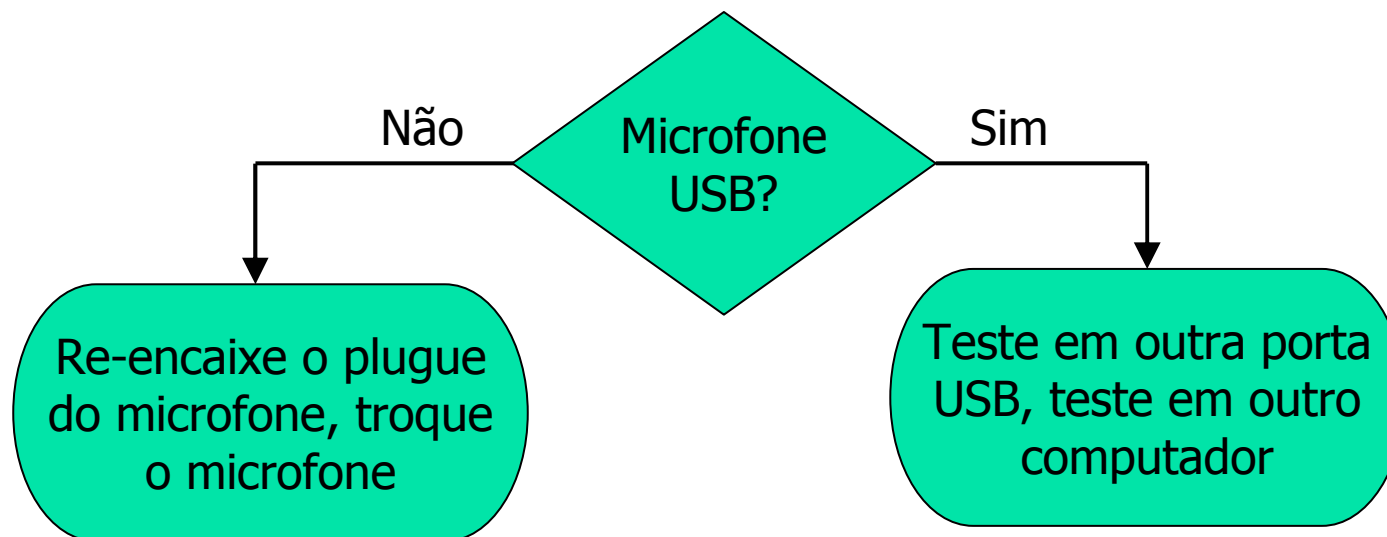
Desempenho do Som e Controlador de Jogo



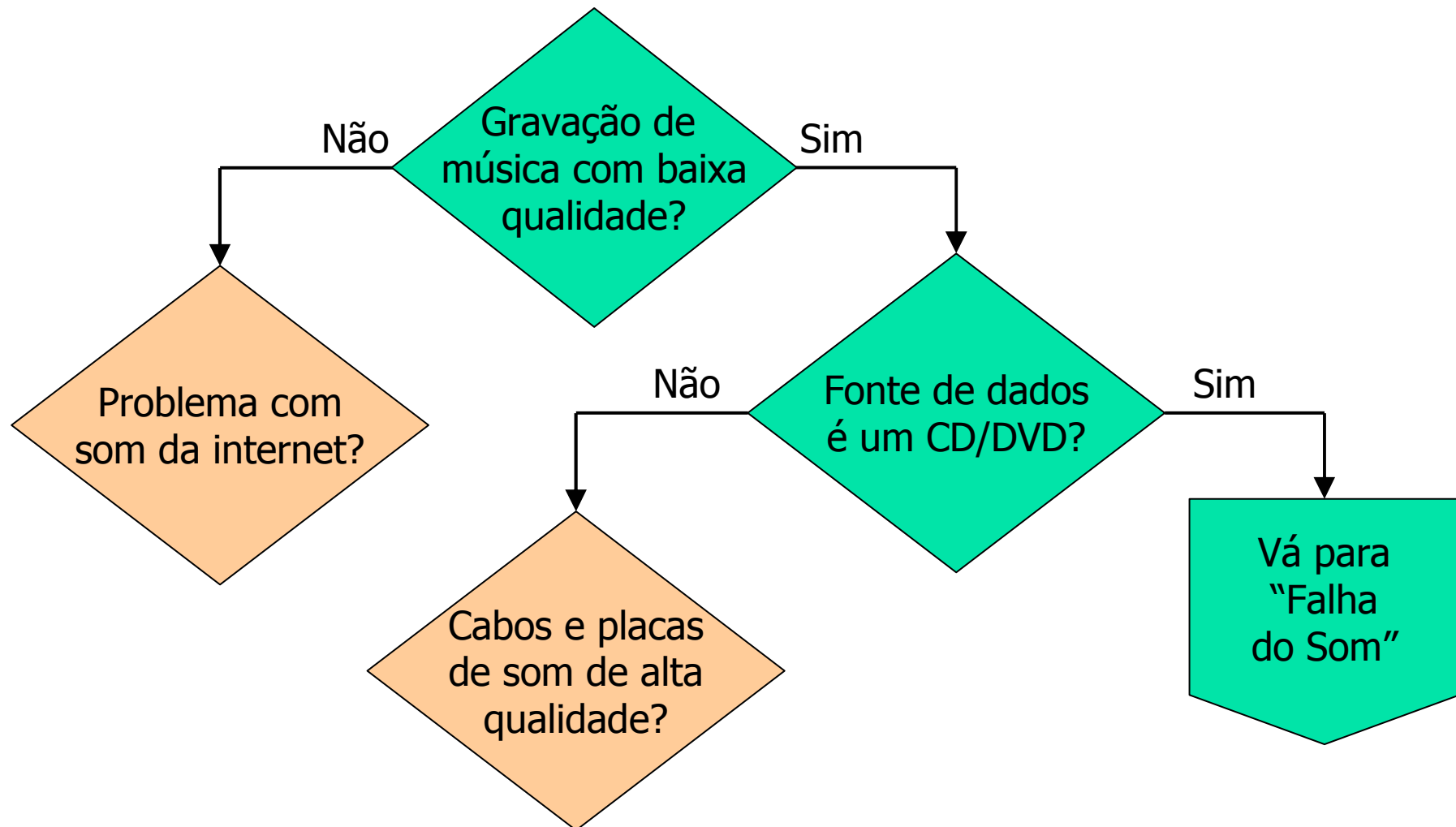
Desempenho do Som e Controlador de Jogo



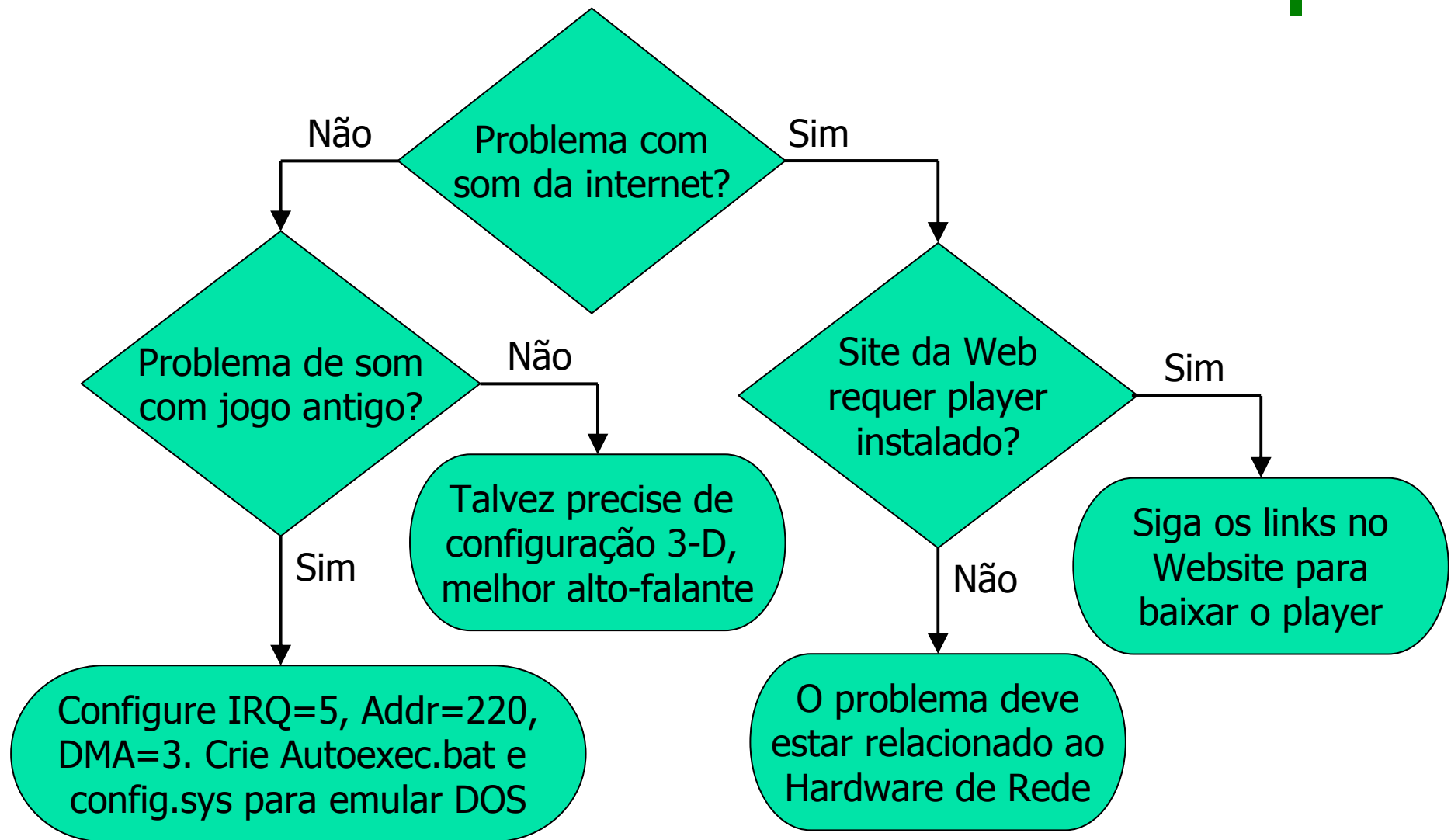
Desempenho do Som e Controlador de Jogo



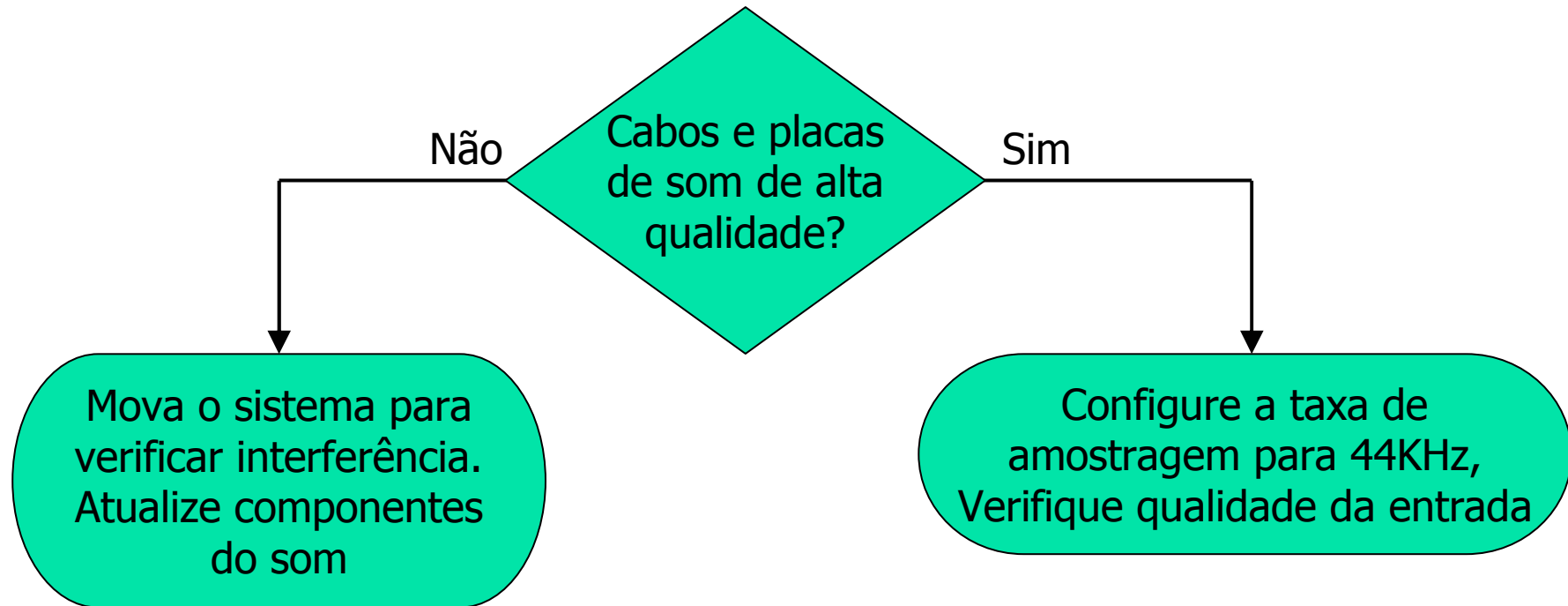
Desempenho do Som e Controlador de Jogo



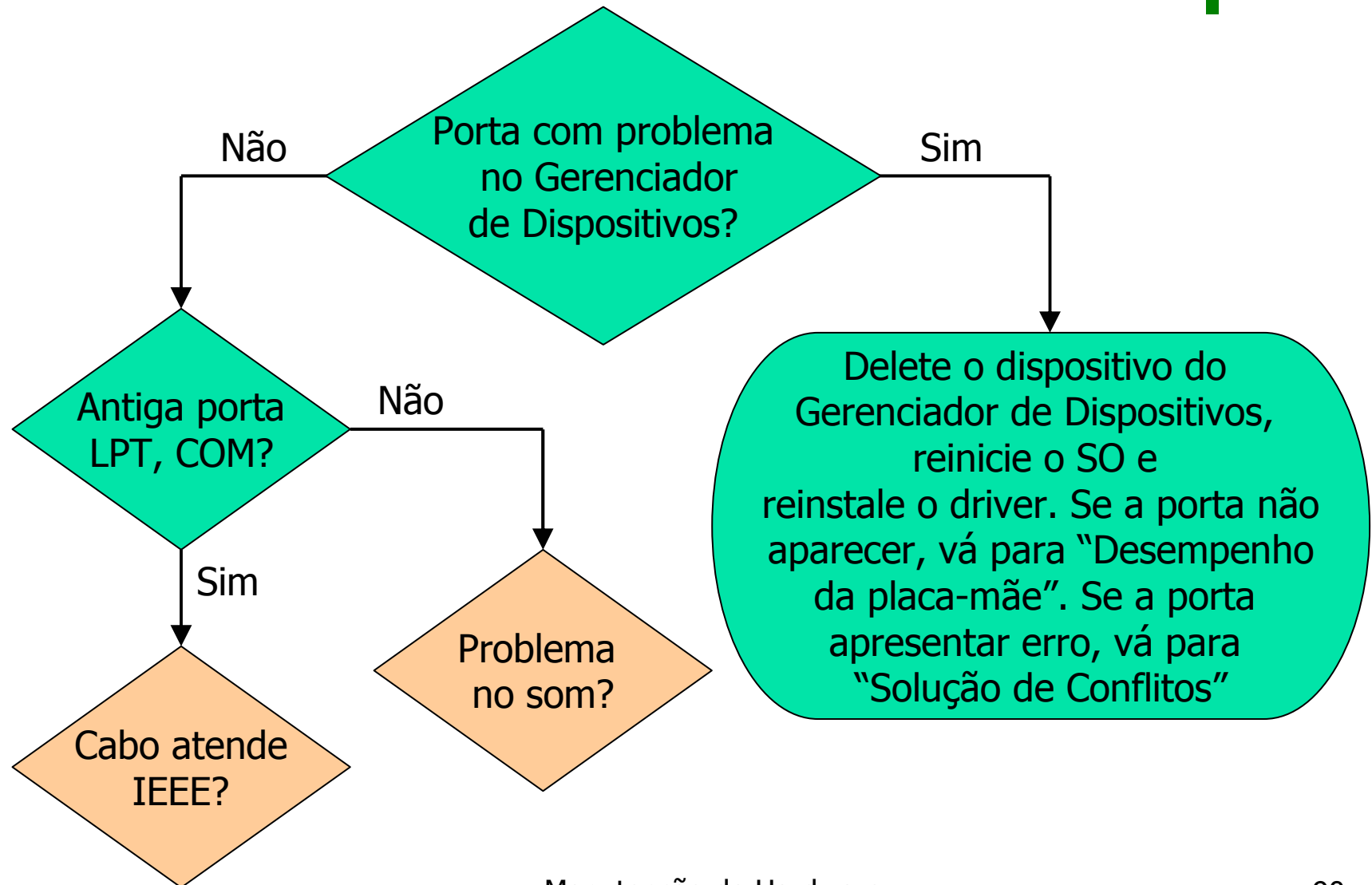
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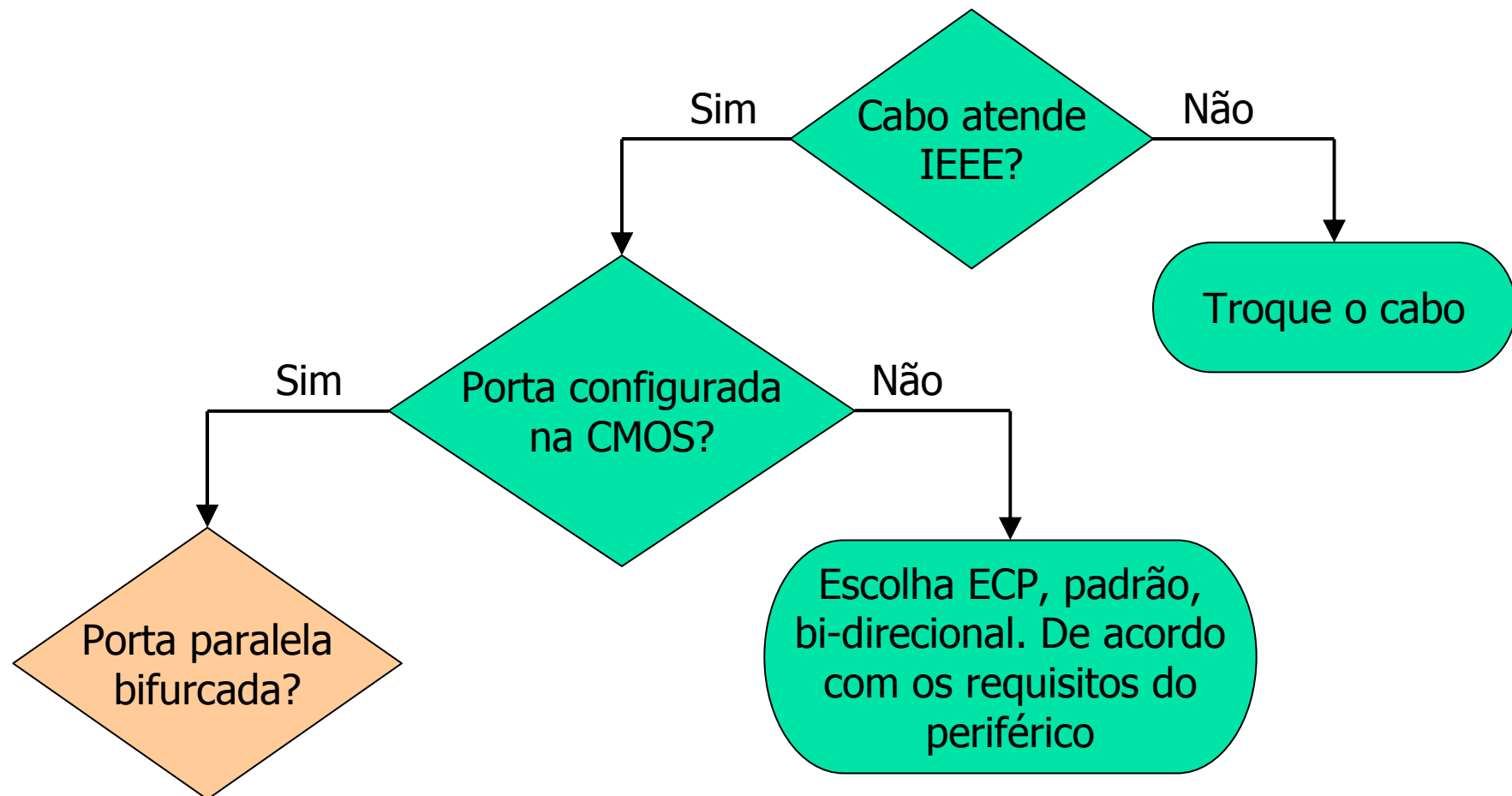
Desempenho do Som e Controlador de Jogo



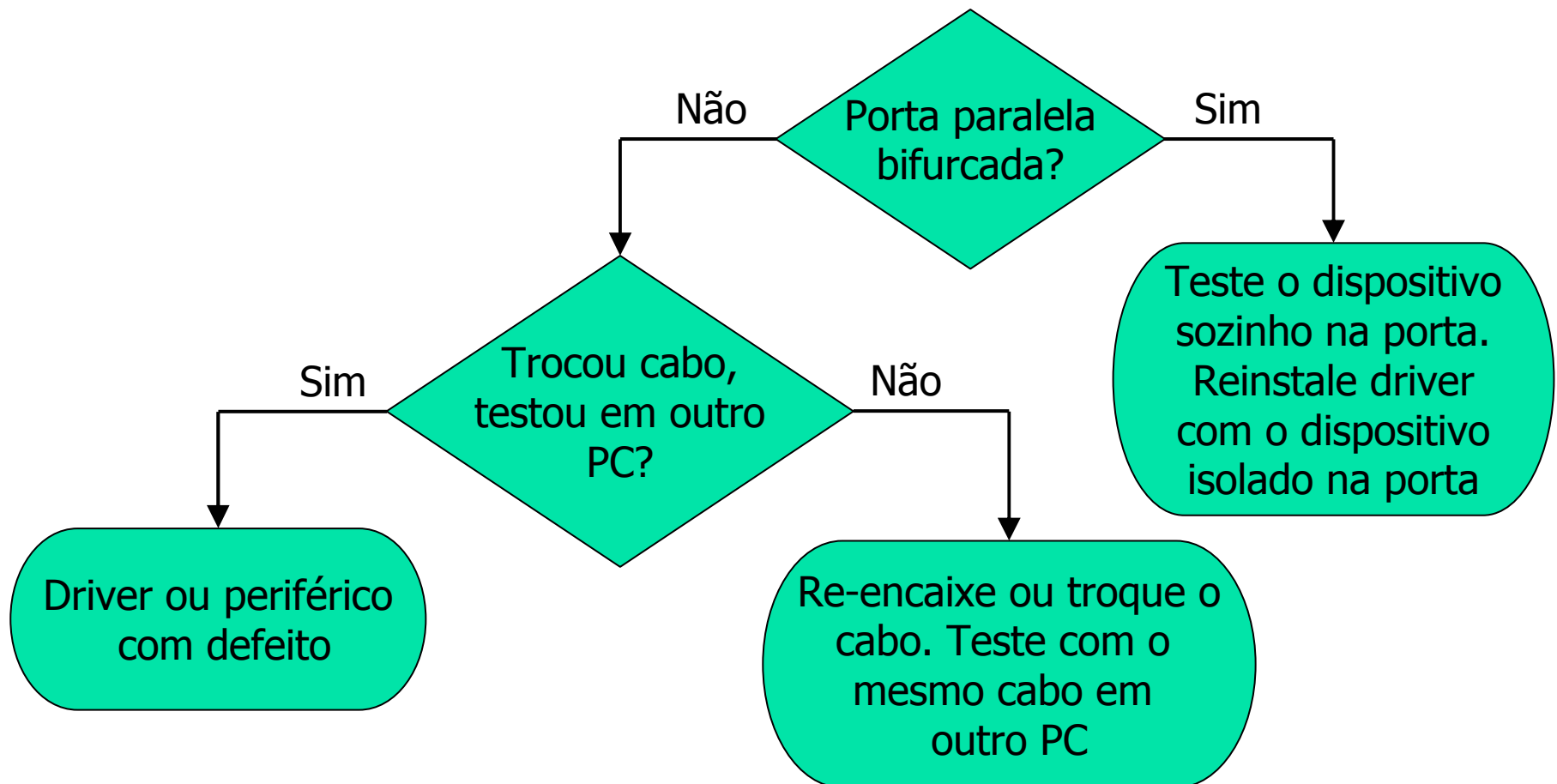
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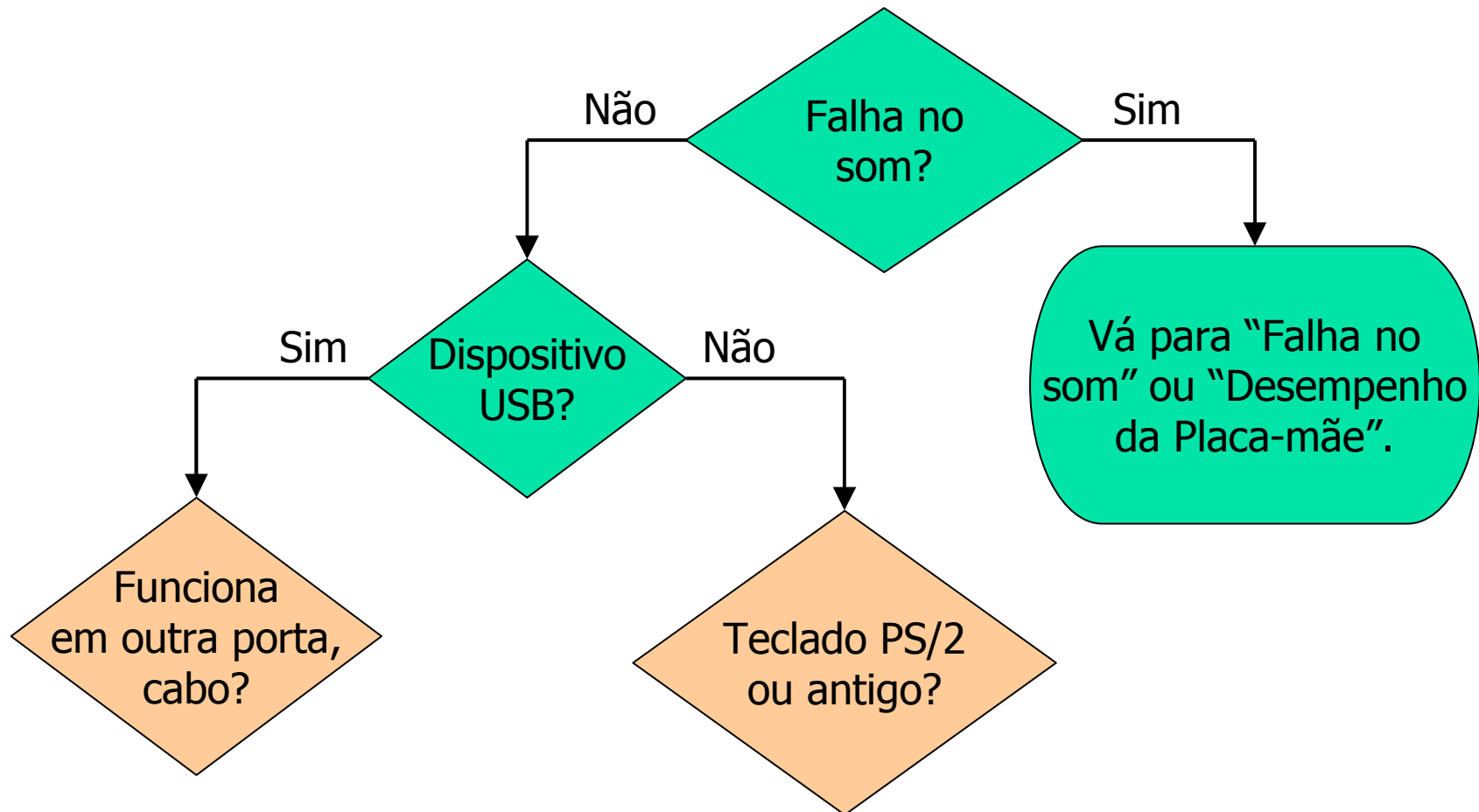
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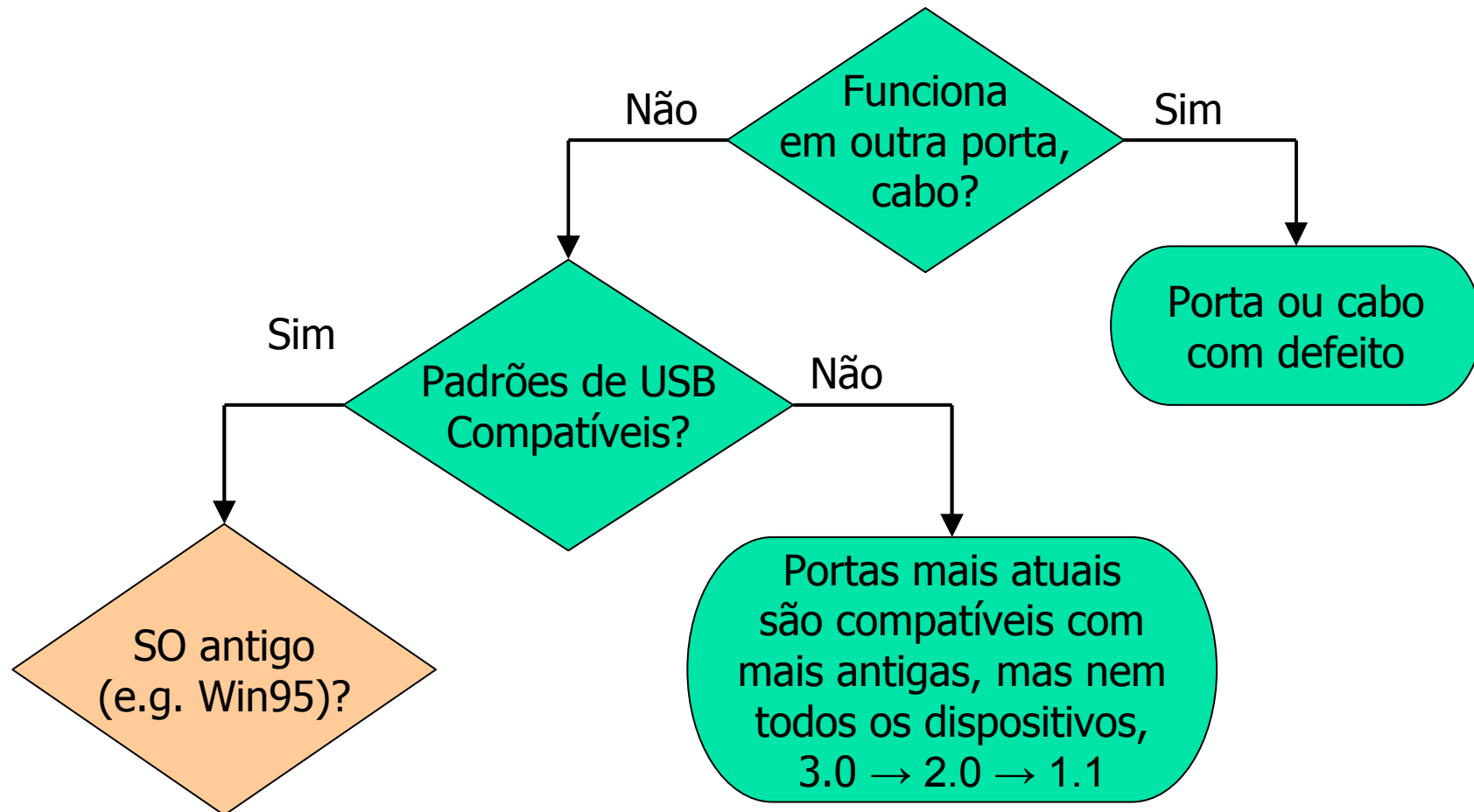
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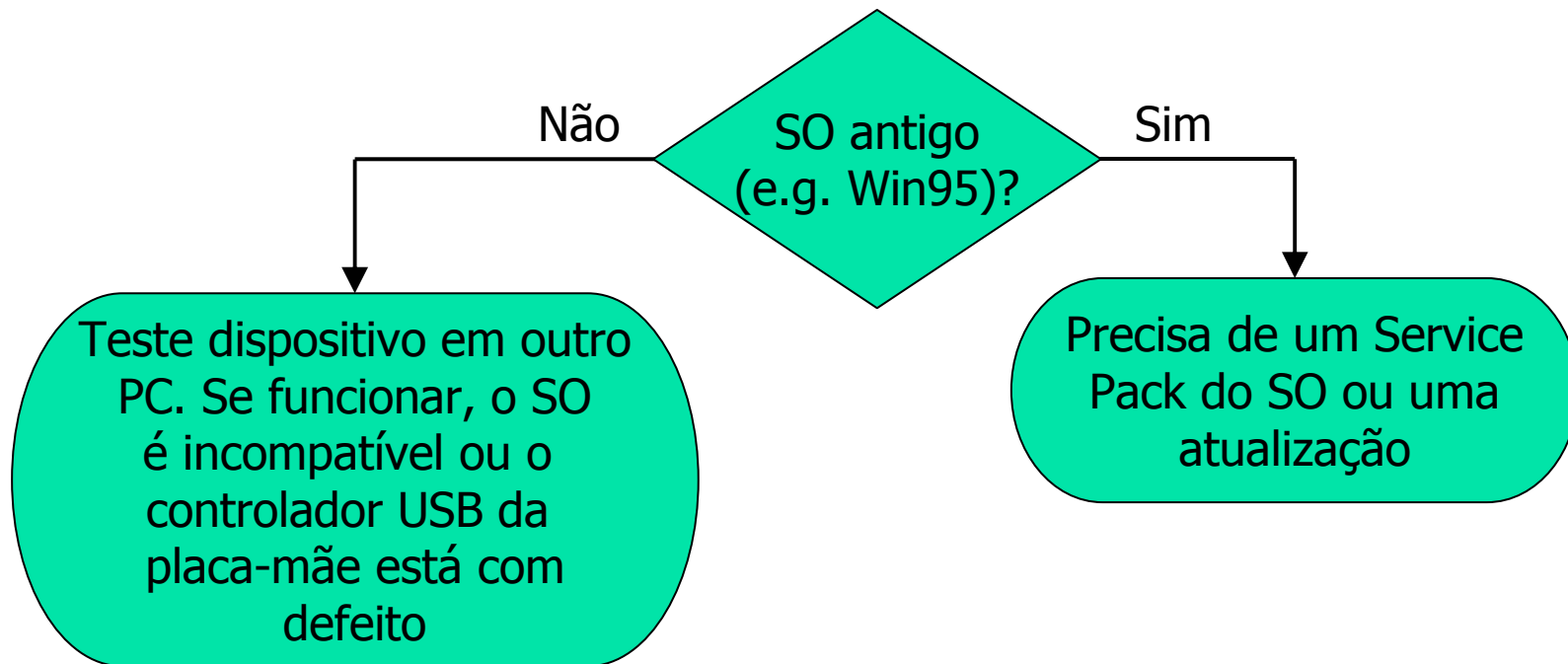
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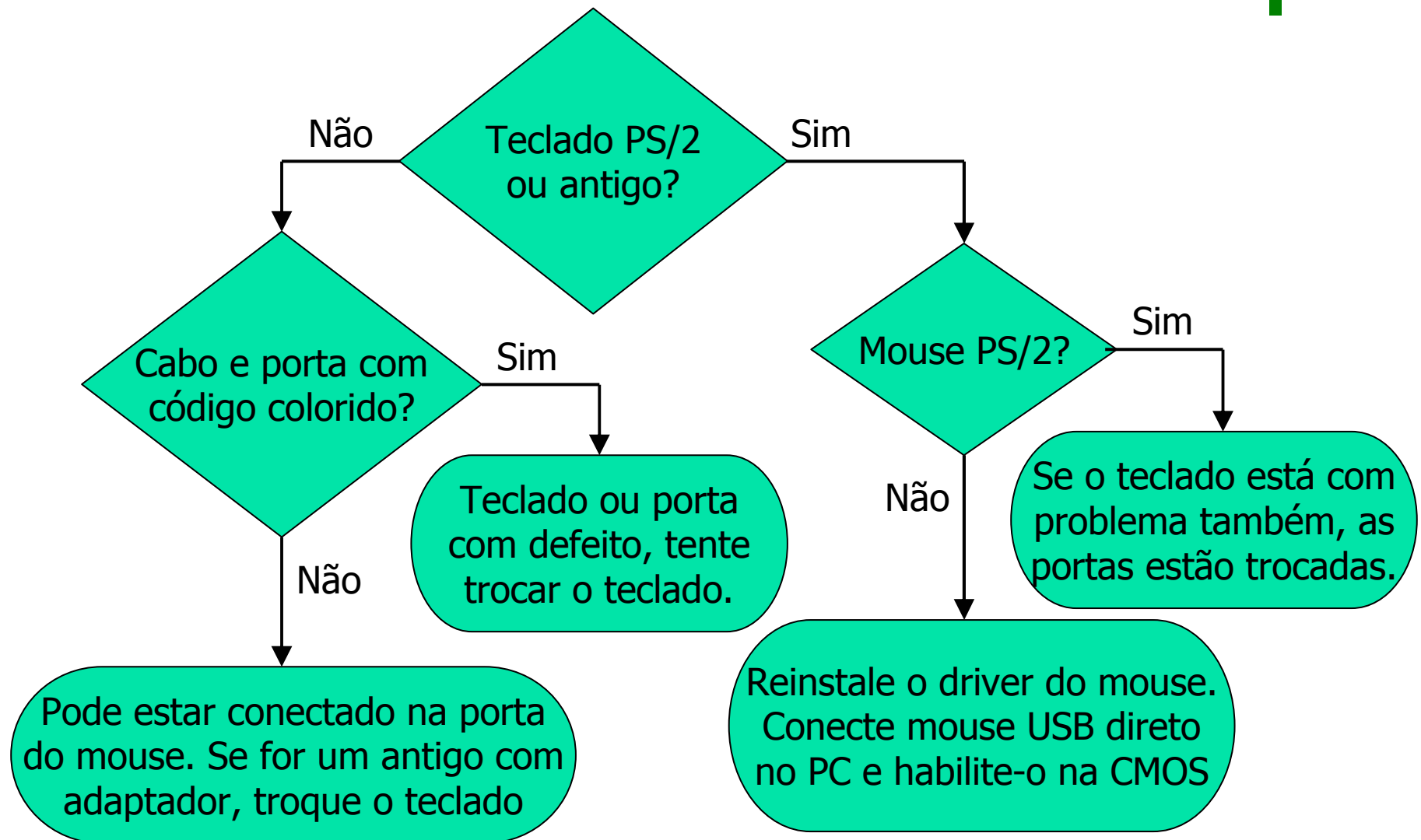
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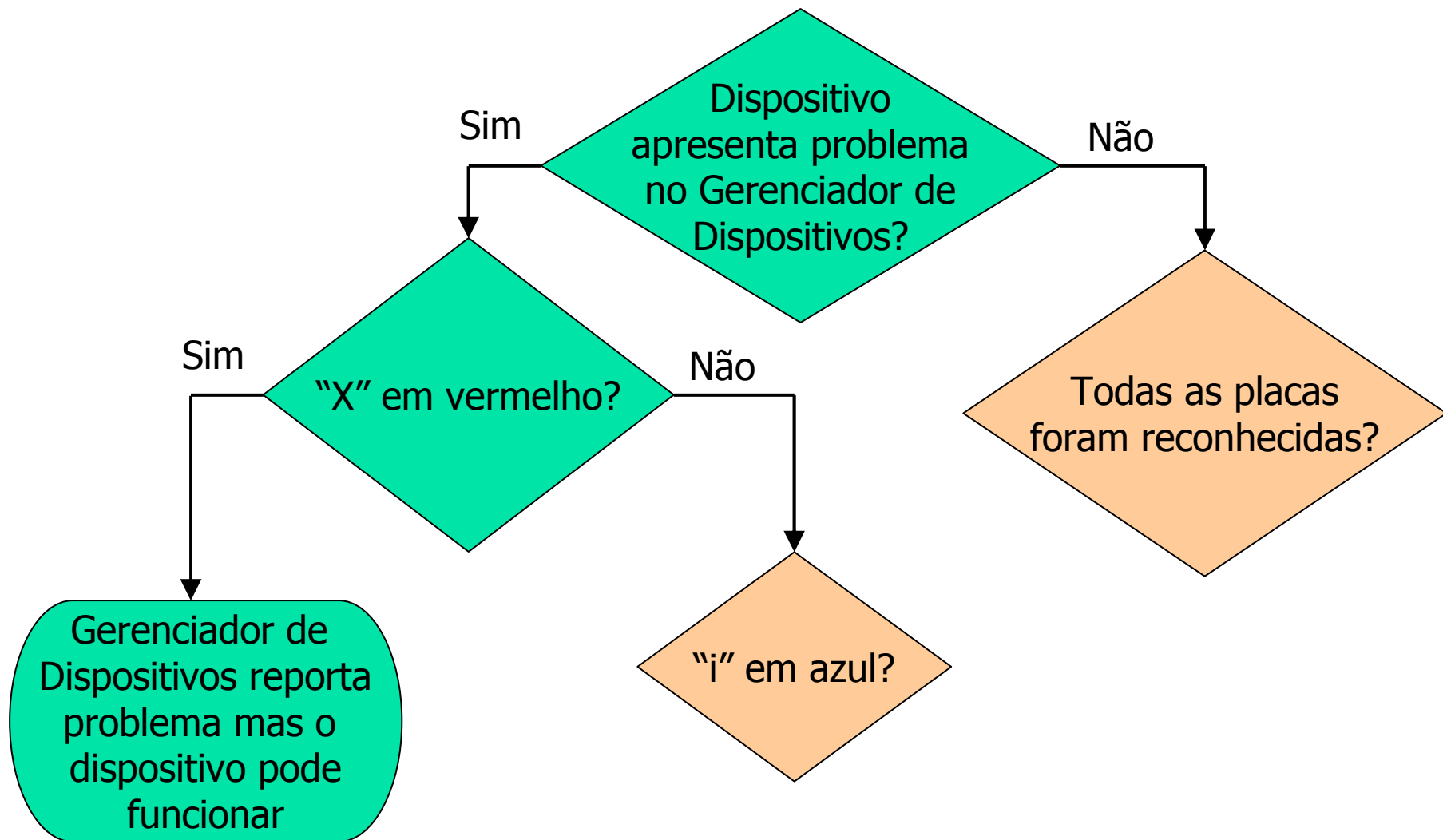
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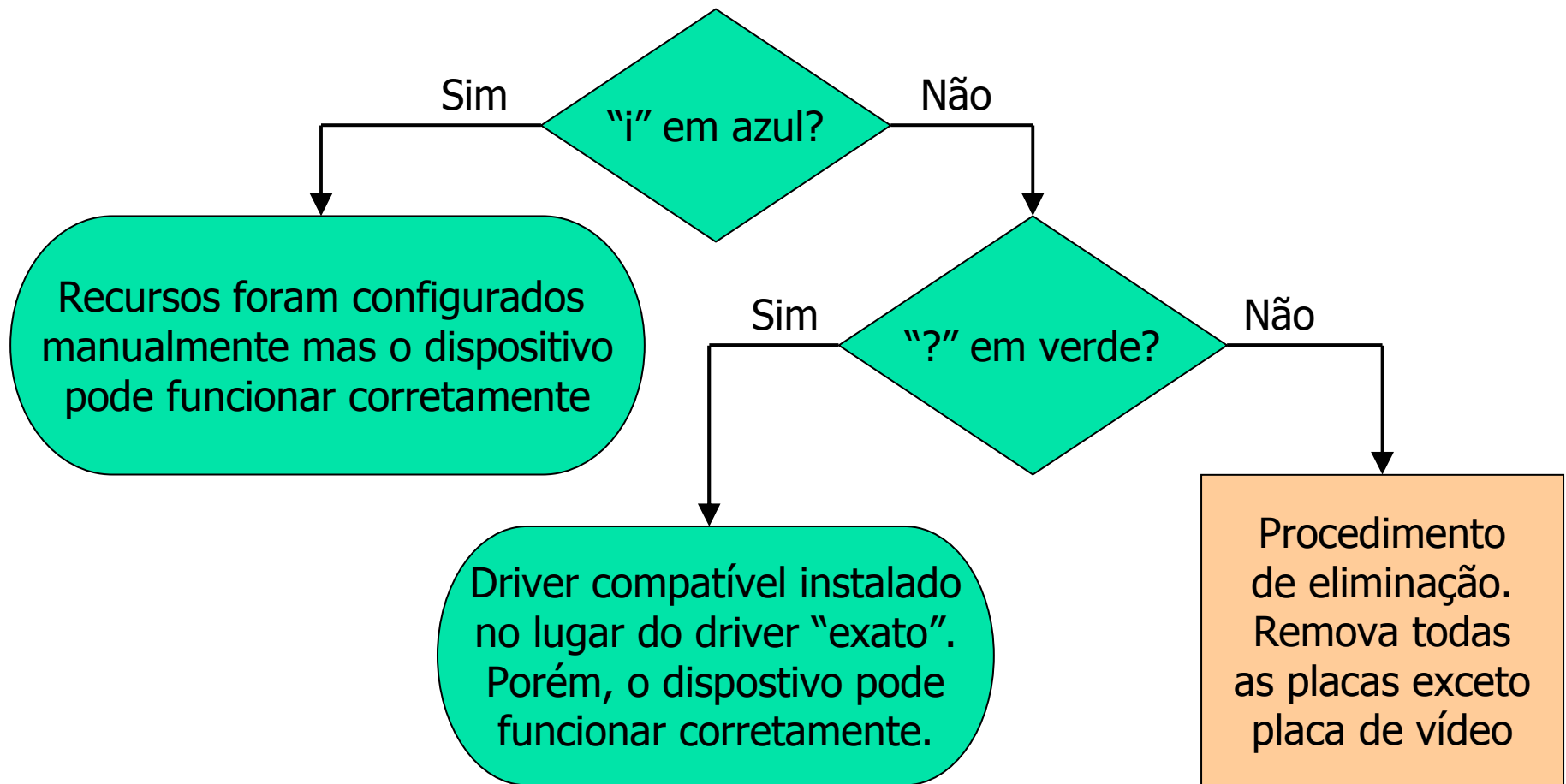
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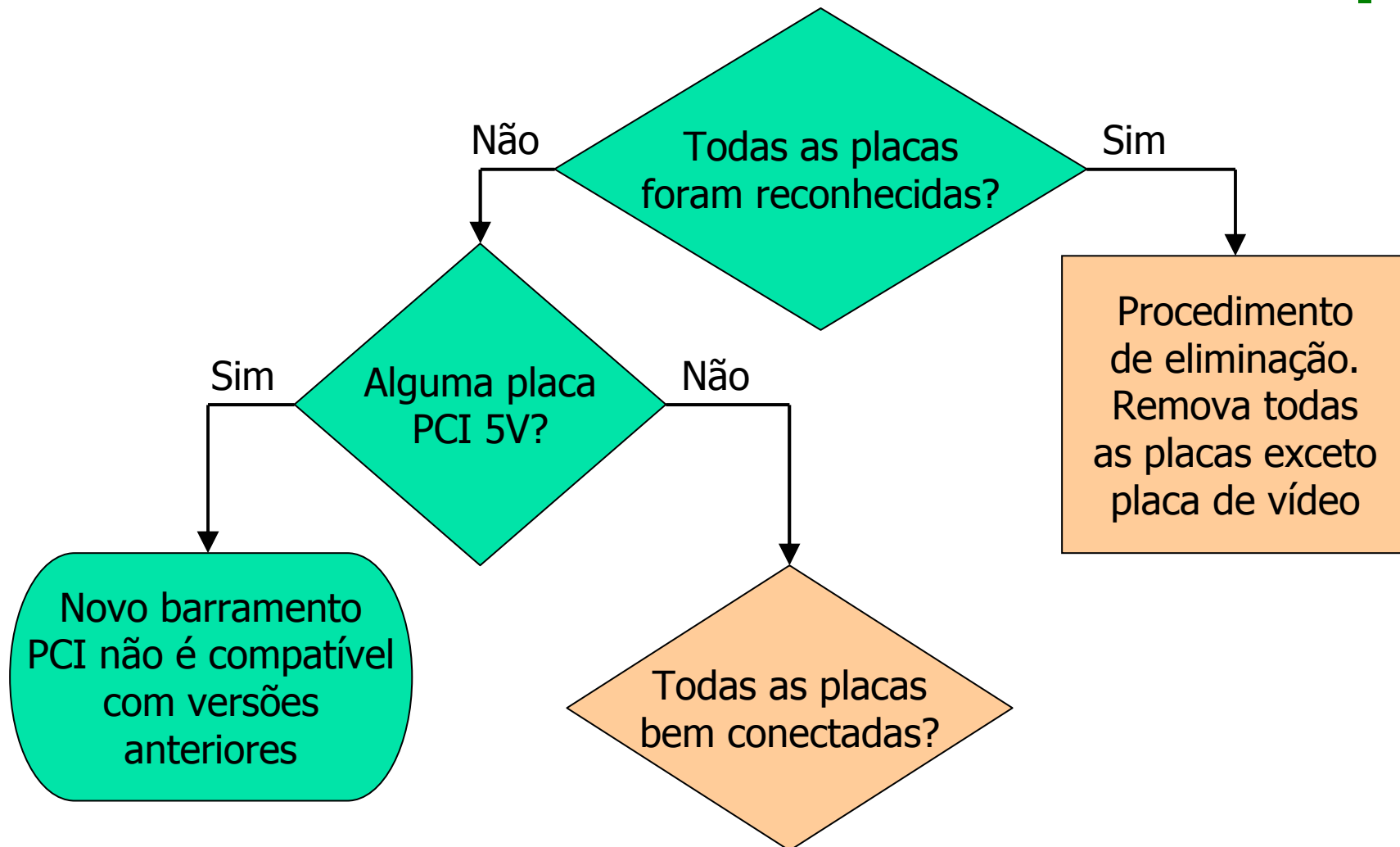
Solução de Conflitos



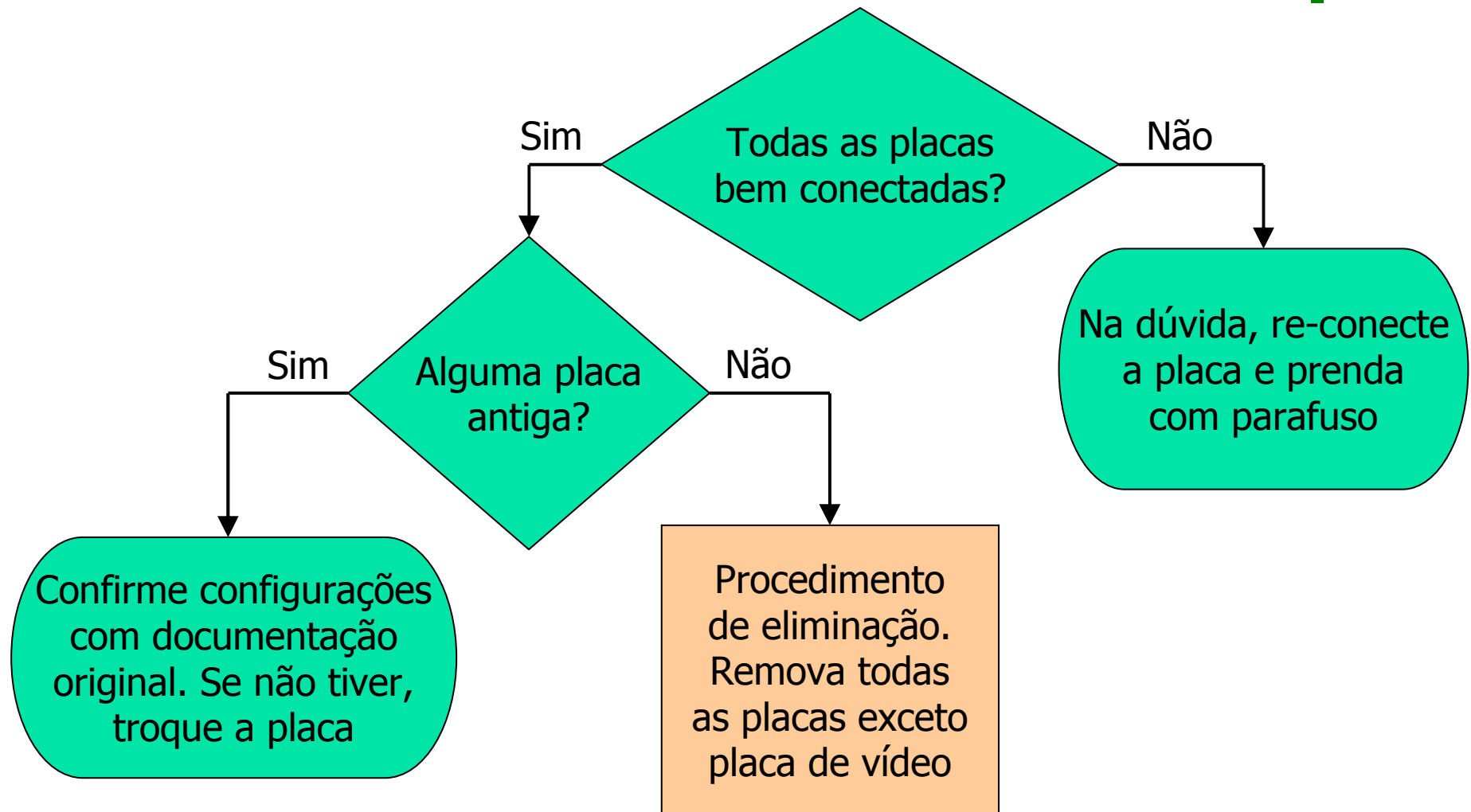
Solução de Conflitos



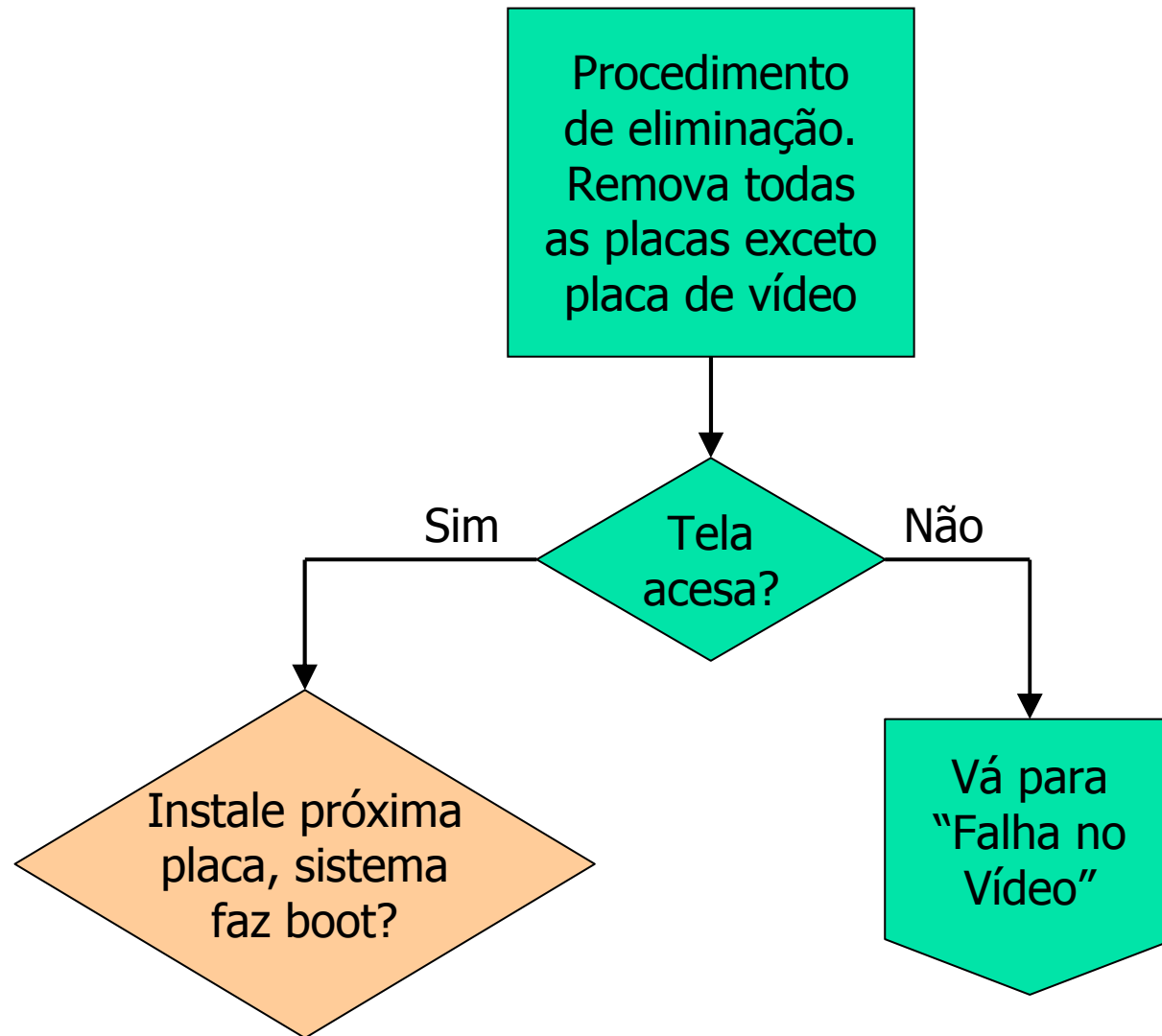
Solução de Conflitos



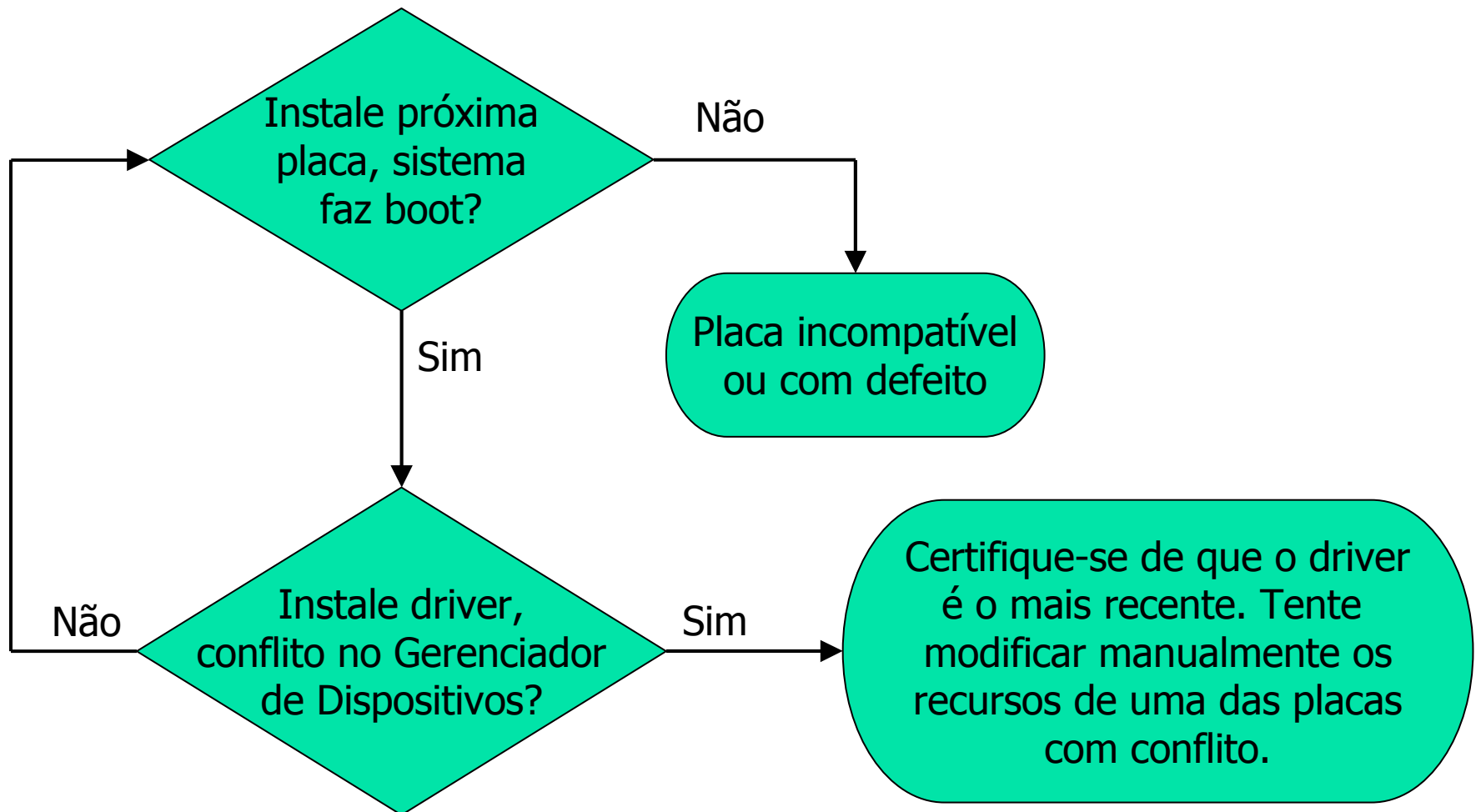
Solução de Conflitos



Solução de Conflitos



Solução de Conflitos



Perguntas?

