

```
bool Cell::WouldInterroduceCircularDependency(const Impl new_impl) const
```

```
new_impl.GeteferencedCells().empty()
```

```
std::unirferef_set<const Cell*> referenced
```

```
for (const auto& pos: new_impl.GetReferencedCells())
```

```
referenced.insert(sheet_.GetCellPtr(pos))
```

конец цикла

```
std::unordered_set<const Cell*> visited  
std::stack<const Cell*> to_visit  
to_visit.push(this)
```

```
while (!to_visit.empty())
```

```
const Cell* current = to_visit.top()  
to_visit.pop()  
visited.insert(current)
```

true

Decision

true

return true

```
for (const Cell* incoming :  
current -> i_nodes_)
```

```
visited.find(incoming)==visited.end()
```

```
to_visit.push(incoming)
```

конец цикла for

конец цикла while

return false