```
73  79      @Override
74  80      public PointVectorValuePair doOptimize() {
    81  +       checkParameters();
    82  +
169     }
170 +
171 +   /**
172 +    * @throws MathUnsupportedOperationException if bounds were passed to the
173 +    * {@link #optimize(OptimizationData[]) optimize} method.
174 +    */
175 +   private void checkParameters() {
176 +       if (getLowerBound() != null ||
177 +           getUpperBound() != null) {
178 +           throw new MathUnsupportedOperationException(LocalizedFormats.CONSTRAINT);
179 +       }
180 +   }
181 }
    393 +       // check that the solution respects the nonNegative restriction in case
    394 +       // the epsilon/cutOff values are too large for the actual linear problem
    395 +       // (e.g. with very small constraint coefficients), the solver might actually
    396 +       // find a non-valid solution (with negative coefficients).
    397 +       final PointValuePair solution = tableau.getSolution();
    398 +       if (isRestrictedToNonNegative()) {
    399 +           final double[] coeff = solution.getPoint();
    400 +           for (int i = 0; i < coeff.length; i++) {
    401 +               if (Precision.compareTo(coeff[i], 0, epsilon) < 0) {
    402 +                   throw new NoFeasibleSolutionException();
    403 +               }
    404 +           }
    405 +       }
    406 +       return solution;
393 407     }
394 408 }
```

Added statement at the top of method which is new conditional return or throw exception to parent method