`MulensModel`offers a wide range of methods used to calculate magnifications. These methods are passed to `Model` class using `set_magnification_methods()` function. For each method one has to pass the time ranges when the method will be used. These parameters are passed in a list, e.g.:

```
model = Model(...)
model.set_magnification_methods(
    [2455745., 'Hexadecapole', 2455746., 'VBBL', 2455747., 'Hexadecapole', 2455748.])
```

There are two other useful functions. First, `set_default_magnification_method()` allows setting method that is used outside time ranges specified above. Second, `set_magnification_methods_parameters()` allows providing additional parameters for calculations. Currently, only `VBBL` and `Adaptive_Contouring` allow providing these parameters.

Point lens methods:

- `point_source`
- `finite_source_uniform_Gould94`
- `finite_source_LD_Yoo04`
- `finite_source_uniform_Lee09`
- `finite_source_LD_Lee09`

Binary lens methods:

- `point_source`
- `quadrupole`
- `hexadecapole`
- `VBBL` – parameters `accuracy`
- `Adaptive_Contouring` – parameters `accuracy` and `adaptive_contouring`
- `point_source_point_lens`

Triple lens methods – under construction. Come back soon!