Assumptions: Z is a subset of the powerset of lambda; I is a subset of P(Z)

| **Ideal Property** | **Generic Ultrapower Property** |
|---|---|
| Precipitous | Ultrapower is well-founded |
| I is normal and fine | P(lambda) is a subset of M<br>j``lambda is in M |
| I is normal and fine, and lambda^+ saturated: | ultrapower I well-founded and closed under lambda-sequences from V[G]. |
| Weak saturation/Presaturation | implies various amount of closure of M, depending on parameters. |
| Disjointing property and local versions | combinatorial intermediary between saturation and the closure of the ultrapower. |
| I is kappa-complete | the critical point of the generic elementary embedding is at least kappa. |