ISE307 Engineering Economic Analysis Formula Sheet

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Factor Notation | | Formula | | Cash Flow Diagram |
|  | |  | | 0 1 2 3 … N  P  F |
|  | |  | |
|  | |  | | 0 1 2 3 … N  A A A … A  F |
|  | |  | |
|  | |  | | 0 1 2 3 … N  A A A … A  PF |
|  | |  | |
|  | |  | | 0 1 2 3 … N  0 G 2G ….  PF |
|  | |  | |
|  | |  | | 0 1 2 3 … N  A1 A2 A3 …. AN  PF |
| Discrete Compounding:    Special case:    Continuous Compounding | |  | | |
|  | |  | | |