名古屋大学大学院多元数理科学研究科

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(2) Extre \left(\begin{array}{c} A \\ \overline{AeA} \end{array}\right) = 0 \quad \left(\begin{array}{c} V_{n} > 7 & 0 \end{array}\right) \Rightarrow HH \quad (A) \cong HH \quad \left(\begin{array}{c} A \\ \overline{AeA} \end{array}\right) \times HH \quad (eAe)
                        .. HH (A): noeth. (>> HH (AeA), HH (*Ae): noeth.
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(3)
$$Pd_{Ae}\left(\frac{A}{AeA}\right) < \infty \Rightarrow case$$
 (2)
$$\widehat{I} \quad (AeA : stratifying)$$

AP-Mod -> (eAe)P-Mod : exact

Def [PSS]

| Thm [PSS] | e: Mod A _ Mod eAe. | X - e X. TFAE. |
|-----------|----------------------------|-------------------------------|
| (1) | e : even. homel. isom. | |
| (2) | (d): id (top AeA) < 00 a | nd (B): pdeAe (eA) < 00. |
| (3) | (d'): pol A (top APA) < 00 | nd (B'): PoleAesop (Ae) < 00. |

$$HH^{n}(A) = Ext_{A^{e}}^{n} (A,A) \xrightarrow{\sim} Ext_{(eAe)^{e}}^{n} (eAe, eAe) = HH^{n}(eAe) \quad n >> 0$$
if $e: eventually homological isom.$

| · · · · · · · · · · · · · · · · · · · | n Ext Ae | (A , | Hom K | (ډ _{ه ,} ډڼ) |) ~ | Ext A | (22 , 42) | • | | |
|---------------------------------------|-------------|-------|---------|-------------------------|-----|---------|------------------------|--------|-------------|------------|
| | | | | | | | 13 2000 | D | (e = eve4. | how , iso) |
| | Ext (PAP) | (eAe, | Homk (e | Sa, eSj) |) ~ | Ext eAe | (e S _e , e | ; S;) | | |
| | -((()) | | | | | | | | | |
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