In Astérisque 363-364 Expose XVII Déf. I.ll and footnote (i), one should assume that $Spec(O_{X,2}) - \{2\}$ is quasi-compact, e.g. X locally neetherium or locally topologically noetherian suffices. In general for a closed subset ZCX and an abelian étale sheaf f on X, the local cohomology sheaves $X_Z^i(X, f)$ are defined and are compatible with étale localization, but for the calculation of stalks using strict henselizations one needs that X-Z -> X is quasi-compact because of a parage to the limit of toposes. In general RPix for x -> X(2) differs from the one for x -> X and both differ in the stalk from the one for $\overline{z} \longrightarrow X(\overline{z})$. nonparry But in these questions there is a positive result for the sheat is, and also that if $\mathcal{O}_{X,x} \longrightarrow \mathcal{O}_{X',x'}$ is an essentially étale local map then lecal cohomology sheaves for x --- X(2) give the ones for x' - X'(x') and the pull-back sheaf. This is because there is a closed subscheme xEZCX defined by a finitely generated ideal over which $X' \longrightarrow X$ is finite state, local cohomology for $Z \rightarrow X$ is well-behaved and for $z \to Z$ we have word étale localization.

The following are examples for the contraded purthologies, (1) Let le be a fiell, X = Spec(k[t, t2,....]), $n_n \in X$ the k-point corresponding to $t_i \mapsto 0$ for $i \leq n$. 1 for $i \geq n$. z EX the origin, Then Y=370,71,... {Ulx} is a closed subset, and it is the one-point compactification of the discrete 370, 72, ... }. Then for 1 \$ 0 the sheaf My has trivial ix (= R° ix) for $x \longrightarrow X$ but non-trivial for $x \longrightarrow X_{(2)}$, 2) Let In be the generic point of V(t1, ..., tn), In > In a separable closure, $\Lambda \neq 0$, and consider $S = D i \sum_{n} \Lambda$ on X. Can also do it with $\overline{\Sigma}_n$ the point of the honselization lying above $\overline{\Sigma}_n$. Then one can see that R1 12 f for x -> X(x) is strictly contained in the one for the henselization, which in turn if ke/k is infinite is

strictly contained in the one for the strict henselization.

In exposé XVII 5.2.2 assume the schemes are noetherian, or else use the definition of "perversity function" in the non-noetherian case indicated in [Gabber,2004]. In page 143 line 8 "is isomorphic to "should be "maps isomorphically to".

Remarks on Astérisque 363-364

page xviii the formula $cd_{\ell}(k) = d + cd_{\ell}(k)$ fails for $\ell=2$, he formally real of finite 2-virtual cohomological dimension and K not formally real, e.g. for the henselian or complete local ring at the origin of the real variety $\sum_{i=1}^{\infty} x_i^2 = 0$, $n \ge 2$.

Exposé IV 2.1.11: Using 1.13, let K' be the unique field of representatives of A containing the β ; is and the β ; is β . If β is defined similarly to β then we can identify $\beta = \frac{1}{2} \frac{1$

Lemme 4.3.6 line 3 morphisme A-linéaire B-> C'

Exposé XVII p.352 l. 11 I do not need "excellent"; also in the reference [Galober, 2004] §8 I made a mistake: I should have assumed n>1 and not n>0, as for the zero ring the n(x)'s are not defined

4.3.2.1 missing))

meant that the category admits inductive limits probably it was also p. 421 above last diagram: probably à isomorphisme près (no s)

XVIIIB p.479 top 2 should have been >
Appendice A is the first scan and not the "cleaned" version

Other remarks on Gabber-Orgogozo, Invent. Math. 2008: (not mistakes)

For the trace map on differentials for finite locally free (ci
morphisms, to a previous reference is E. Garel "An extension of the trace map"

JPAA 1984

P. 73 On Vo X=1 on V(h) red 50 we do not need to go to the
normalization U