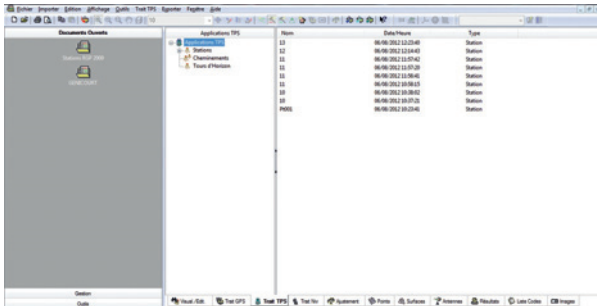


### Calculs d'ajustements et transformations



Item	Date/Time	Type
Application 1	06/06/2012 11:07:40	Station
Application 2	06/06/2012 11:07:41	Station
Application 3	06/06/2012 11:07:42	Station
Application 4	06/06/2012 11:07:43	Station
Application 5	06/06/2012 11:07:44	Station
Application 6	06/06/2012 11:07:45	Station
Application 7	06/06/2012 11:07:46	Station
Application 8	06/06/2012 11:07:47	Station
Application 9	06/06/2012 11:07:48	Station
Application 10	06/06/2012 11:07:49	Station
Application 11	06/06/2012 11:07:50	Station
Application 12	06/06/2012 11:07:51	Station
Application 13	06/06/2012 11:07:52	Station
Application 14	06/06/2012 11:07:53	Station
Application 15	06/06/2012 11:07:54	Station
Application 16	06/06/2012 11:07:55	Station
Application 17	06/06/2012 11:07:56	Station
Application 18	06/06/2012 11:07:57	Station
Application 19	06/06/2012 11:07:58	Station
Application 20	06/06/2012 11:07:59	Station
Application 21	06/06/2012 11:08:00	Station
Application 22	06/06/2012 11:08:01	Station
Application 23	06/06/2012 11:08:02	Station
Application 24	06/06/2012 11:08:03	Station
Application 25	06/06/2012 11:08:04	Station
Application 26	06/06/2012 11:08:05	Station
Application 27	06/06/2012 11:08:06	Station
Application 28	06/06/2012 11:08:07	Station
Application 29	06/06/2012 11:08:08	Station
Application 30	06/06/2012 11:08:09	Station
Application 31	06/06/2012 11:08:10	Station
Application 32	06/06/2012 11:08:11	Station
Application 33	06/06/2012 11:08:12	Station
Application 34	06/06/2012 11:08:13	Station
Application 35	06/06/2012 11:08:14	Station
Application 36	06/06/2012 11:08:15	Station
Application 37	06/06/2012 11:08:16	Station
Application 38	06/06/2012 11:08:17	Station
Application 39	06/06/2012 11:08:18	Station
Application 40	06/06/2012 11:08:19	Station
Application 41	06/06/2012 11:08:20	Station
Application 42	06/06/2012 11:08:21	Station
Application 43	06/06/2012 11:08:22	Station
Application 44	06/06/2012 11:08:23	Station
Application 45	06/06/2012 11:08:24	Station
Application 46	06/06/2012 11:08:25	Station
Application 47	06/06/2012 11:08:26	Station
Application 48	06/06/2012 11:08:27	Station
Application 49	06/06/2012 11:08:28	Station
Application 50	06/06/2012 11:08:29	Station
Application 51	06/06/2012 11:08:30	Station
Application 52	06/06/2012 11:08:31	Station
Application 53	06/06/2012 11:08:32	Station
Application 54	06/06/2012 11:08:33	Station
Application 55	06/06/2012 11:08:34	Station
Application 56	06/06/2012 11:08:35	Station
Application 57	06/06/2012 11:08:36	Station
Application 58	06/06/2012 11:08:37	Station
Application 59	06/06/2012 11:08:38	Station
Application 60	06/06/2012 11:08:39	Station
Application 61	06/06/2012 11:08:40	Station
Application 62	06/06/2012 11:08:41	Station
Application 63	06/06/2012 11:08:42	Station
Application 64	06/06/2012 11:08:43	Station
Application 65	06/06/2012 11:08:44	Station
Application 66	06/06/2012 11:08:45	Station
Application 67	06/06/2012 11:08:46	Station
Application 68	06/06/2012 11:08:47	Station
Application 69	06/06/2012 11:08:48	Station
Application 70	06/06/2012 11:08:49	Station
Application 71	06/06/2012 11:08:50	Station
Application 72	06/06/2012 11:08:51	Station
Application 73	06/06/2012 11:08:52	Station
Application 74	06/06/2012 11:08:53	Station
Application 75	06/06/2012 11:08:54	Station
Application 76	06/06/2012 11:08:55	Station
Application 77	06/06/2012 11:08:56	Station
Application 78	06/06/2012 11:08:57	Station
Application 79	06/06/2012 11:08:58	Station
Application 80	06/06/2012 11:08:59	Station
Application 81	06/06/2012 11:09:00	Station
Application 82	06/06/2012 11:09:01	Station
Application 83	06/06/2012 11:09:02	Station
Application 84	06/06/2012 11:09:03	Station
Application 85	06/06/2012 11:09:04	Station
Application 86	06/06/2012 11:09:05	Station
Application 87	06/06/2012 11:09:06	Station
Application 88	06/06/2012 11:09:07	Station
Application 89	06/06/2012 11:09:08	Station
Application 90	06/06/2012 11:09:09	Station
Application 91	06/06/2012 11:09:10	Station
Application 92	06/06/2012 11:09:11	Station
Application 93	06/06/2012 11:09:12	Station
Application 94	06/06/2012 11:09:13	Station
Application 95	06/06/2012 11:09:14	Station
Application 96	06/06/2012 11:09:15	Station
Application 97	06/06/2012 11:09:16	Station
Application 98	06/06/2012 11:09:17	Station
Application 99	06/06/2012 11:09:18	Station
Application 100	06/06/2012 11:09:19	Station



- when it has to be right 

### Contenu du stage :

#### 1 - Ajustements par les moindres carrés :

- Description d'un ajustement
- Conditions pour calculer un ajustement
- Configuration d'un ajustement
- Pré-ajustement et analyse des résultats
- Ajustement et analyse des différents critères statistiques

#### 2 - Pratique d'un levé de nivellement sur le terrain :

- Description et composition d'un système de coordonnées
- Explication et conditions d'utilisation d'une transformation locale
- Quand doit-on calculer une transformation locale ?
- Différentes méthodes de calcul
- Exportation d'une transformation calculée vers un capteur GNSS
- Calcul de transformations de type Similitude, Directe, Mixte et Conforme sur des cas concrets et analyse des résultats
- Notions de compensation des résidus

**Du chantier à la mesure...**

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